



FastBridge Score to Percentile Conversion Tables

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The following tables show the percentile values for test scores on the following FastBridge assessments:

- earlyReading composite
- earlyMath composite
- aReading
- aMath
- CBMreading
- CBMmath Automaticity

These percentiles were derived from recent norm update, as follows:

- 2019 update: earlyReading, earlyMath, aReading K–6, aMath K–6, CBMreading, CBMmath Automaticity 1–3
- 2020 update: CBMmath Automaticity 4–6
- 2021 update: aReading 7–12, aMath 7–12

Finally, note that the tables in this document use rounded whole number test scores, whereas the system displays test scores to one decimal place.

Table 1: Grade KG Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	KG	1	344	350	367
aReading	Scale Score	KG	2	345	366	375
aReading	Scale Score	KG	3	348	367	379
aReading	Scale Score	KG	4	352	371	382
aReading	Scale Score	KG	5	354	373	386
aReading	Scale Score	KG	6	356	376	390
aReading	Scale Score	KG	7	357	379	394
aReading	Scale Score	KG	8	360	381	397
aReading	Scale Score	KG	9	362	383	400
aReading	Scale Score	KG	10	364	385	403
aReading	Scale Score	KG	11	365	386	406
aReading	Scale Score	KG	12	366	388	408
aReading	Scale Score	KG	13	367	389	410
aReading	Scale Score	KG	14	368	390	412
aReading	Scale Score	KG	15	369	391	414
aReading	Scale Score	KG	16	369	392	415
aReading	Scale Score	KG	17	370	393	416
aReading	Scale Score	KG	18	370	394	417
aReading	Scale Score	KG	19	371	395	418
aReading	Scale Score	KG	20	372	397	419
aReading	Scale Score	KG	21	373	398	420
aReading	Scale Score	KG	22	374	400	421

Table 1: Grade KG Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	KG	23	375	401	422
aReading	Scale Score	KG	24	376	403	423
aReading	Scale Score	KG	25	377	404	424
aReading	Scale Score	KG	26	378	405	425
aReading	Scale Score	KG	27	379	406	425
aReading	Scale Score	KG	28	379	407	426
aReading	Scale Score	KG	29	380	408	427
aReading	Scale Score	KG	30	381	408	428
aReading	Scale Score	KG	31	381	409	429
aReading	Scale Score	KG	32	382	410	430
aReading	Scale Score	KG	33	382	411	431
aReading	Scale Score	KG	34	383	412	432
aReading	Scale Score	KG	35	383	413	433
aReading	Scale Score	KG	36	384	413	434
aReading	Scale Score	KG	37	385	414	435
aReading	Scale Score	KG	38	385	415	436
aReading	Scale Score	KG	39	385	416	436
aReading	Scale Score	KG	40	386	417	437
aReading	Scale Score	KG	41	387	418	438
aReading	Scale Score	KG	42	387	419	439
aReading	Scale Score	KG	43	388	420	440
aReading	Scale Score	KG	44	389	421	440
aReading	Scale Score	KG	45	389	422	441
aReading	Scale Score	KG	46	390	423	442
aReading	Scale Score	KG	47	391	424	442
aReading	Scale Score	KG	48	392	425	443
aReading	Scale Score	KG	49	393	425	443
aReading	Scale Score	KG	50	394	426	444
aReading	Scale Score	KG	51	395	427	445
aReading	Scale Score	KG	52	396	428	445
aReading	Scale Score	KG	53	397	429	446
aReading	Scale Score	KG	54	398	430	446
aReading	Scale Score	KG	55	399	431	447
aReading	Scale Score	KG	56	400	432	447
aReading	Scale Score	KG	57	401	433	448
aReading	Scale Score	KG	58	402	434	448
aReading	Scale Score	KG	59	403	435	449
aReading	Scale Score	KG	60	404	435	449
aReading	Scale Score	KG	61	405	436	450
aReading	Scale Score	KG	62	406	437	450
aReading	Scale Score	KG	63	407	438	451
aReading	Scale Score	KG	64	409	438	451

Table 1: Grade KG Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	KG	65	410	439	452
aReading	Scale Score	KG	66	410	440	453
aReading	Scale Score	KG	67	411	441	453
aReading	Scale Score	KG	68	412	441	454
aReading	Scale Score	KG	69	413	442	454
aReading	Scale Score	KG	70	415	443	455
aReading	Scale Score	KG	71	416	444	456
aReading	Scale Score	KG	72	417	444	456
aReading	Scale Score	KG	73	418	445	457
aReading	Scale Score	KG	74	419	446	458
aReading	Scale Score	KG	75	420	447	459
aReading	Scale Score	KG	76	421	447	460
aReading	Scale Score	KG	77	422	448	461
aReading	Scale Score	KG	78	424	449	462
aReading	Scale Score	KG	79	425	449	464
aReading	Scale Score	KG	80	426	450	465
aReading	Scale Score	KG	81	428	451	466
aReading	Scale Score	KG	82	429	451	467
aReading	Scale Score	KG	83	430	452	468
aReading	Scale Score	KG	84	431	453	469
aReading	Scale Score	KG	85	432	454	470
aReading	Scale Score	KG	86	433	455	471
aReading	Scale Score	KG	87	435	456	473
aReading	Scale Score	KG	88	436	457	474
aReading	Scale Score	KG	89	437	458	475
aReading	Scale Score	KG	90	439	459	477
aReading	Scale Score	KG	91	440	461	478
aReading	Scale Score	KG	92	442	464	479
aReading	Scale Score	KG	93	443	466	480
aReading	Scale Score	KG	94	445	469	481
aReading	Scale Score	KG	95	447	472	482
aReading	Scale Score	KG	96	450	474	485
aReading	Scale Score	KG	97	453	476	488
aReading	Scale Score	KG	98	457	479	491
aReading	Scale Score	KG	99	469	485	499

Table 2: Grade 1 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	1	1	361	374	391
aReading	Scale Score	1	2	372	394	404
aReading	Scale Score	1	3	383	399	411
aReading	Scale Score	1	4	390	405	417
aReading	Scale Score	1	5	393	409	421
aReading	Scale Score	1	6	396	413	425
aReading	Scale Score	1	7	398	416	428
aReading	Scale Score	1	8	401	419	431
aReading	Scale Score	1	9	404	421	434
aReading	Scale Score	1	10	406	423	436
aReading	Scale Score	1	11	407	425	438
aReading	Scale Score	1	12	409	427	440
aReading	Scale Score	1	13	410	429	442
aReading	Scale Score	1	14	412	430	444
aReading	Scale Score	1	15	413	431	445
aReading	Scale Score	1	16	414	432	446
aReading	Scale Score	1	17	415	434	448
aReading	Scale Score	1	18	416	435	449
aReading	Scale Score	1	19	417	436	450
aReading	Scale Score	1	20	418	437	451
aReading	Scale Score	1	21	419	439	452
aReading	Scale Score	1	22	420	440	453
aReading	Scale Score	1	23	422	441	454
aReading	Scale Score	1	24	423	442	455
aReading	Scale Score	1	25	424	443	456
aReading	Scale Score	1	26	425	444	456
aReading	Scale Score	1	27	426	445	457
aReading	Scale Score	1	28	426	446	458
aReading	Scale Score	1	29	427	447	459
aReading	Scale Score	1	30	428	447	460
aReading	Scale Score	1	31	429	448	460
aReading	Scale Score	1	32	429	449	461
aReading	Scale Score	1	33	430	449	462
aReading	Scale Score	1	34	431	450	463
aReading	Scale Score	1	35	431	451	464
aReading	Scale Score	1	36	432	452	465
aReading	Scale Score	1	37	433	452	466
aReading	Scale Score	1	38	434	453	466
aReading	Scale Score	1	39	434	454	467
aReading	Scale Score	1	40	435	455	468
aReading	Scale Score	1	41	436	455	469
aReading	Scale Score	1	42	436	456	469

Table 2: Grade 1 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	1	43	437	457	470
aReading	Scale Score	1	44	438	458	470
aReading	Scale Score	1	45	438	459	471
aReading	Scale Score	1	46	439	459	471
aReading	Scale Score	1	47	440	460	472
aReading	Scale Score	1	48	440	461	472
aReading	Scale Score	1	49	441	461	473
aReading	Scale Score	1	50	442	462	473
aReading	Scale Score	1	51	442	463	474
aReading	Scale Score	1	52	443	464	474
aReading	Scale Score	1	53	444	464	475
aReading	Scale Score	1	54	445	465	475
aReading	Scale Score	1	55	445	466	476
aReading	Scale Score	1	56	446	466	477
aReading	Scale Score	1	57	447	467	477
aReading	Scale Score	1	58	447	468	477
aReading	Scale Score	1	59	448	468	478
aReading	Scale Score	1	60	449	469	478
aReading	Scale Score	1	61	449	470	479
aReading	Scale Score	1	62	450	470	479
aReading	Scale Score	1	63	451	471	480
aReading	Scale Score	1	64	452	471	480
aReading	Scale Score	1	65	453	472	481
aReading	Scale Score	1	66	453	473	481
aReading	Scale Score	1	67	454	473	482
aReading	Scale Score	1	68	455	474	482
aReading	Scale Score	1	69	456	475	483
aReading	Scale Score	1	70	457	475	484
aReading	Scale Score	1	71	457	476	484
aReading	Scale Score	1	72	458	476	485
aReading	Scale Score	1	73	459	477	485
aReading	Scale Score	1	74	460	478	486
aReading	Scale Score	1	75	461	478	487
aReading	Scale Score	1	76	462	479	487
aReading	Scale Score	1	77	463	479	488
aReading	Scale Score	1	78	463	480	489
aReading	Scale Score	1	79	464	481	489
aReading	Scale Score	1	80	465	481	490
aReading	Scale Score	1	81	467	482	491
aReading	Scale Score	1	82	468	482	492
aReading	Scale Score	1	83	469	483	492
aReading	Scale Score	1	84	470	484	493

Table 2: Grade 1 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	1	85	470	484	494
aReading	Scale Score	1	86	471	485	495
aReading	Scale Score	1	87	472	486	496
aReading	Scale Score	1	88	473	487	497
aReading	Scale Score	1	89	475	488	498
aReading	Scale Score	1	90	476	489	499
aReading	Scale Score	1	91	477	490	500
aReading	Scale Score	1	92	478	491	501
aReading	Scale Score	1	93	480	493	502
aReading	Scale Score	1	94	481	495	503
aReading	Scale Score	1	95	483	497	505
aReading	Scale Score	1	96	486	499	506
aReading	Scale Score	1	97	489	501	509
aReading	Scale Score	1	98	492	504	512
aReading	Scale Score	1	99	499	508	517

Table 3: Grade 2 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	2	1	381	396	414
aReading	Scale Score	2	2	397	420	428
aReading	Scale Score	2	3	413	427	436
aReading	Scale Score	2	4	420	433	442
aReading	Scale Score	2	5	424	437	447
aReading	Scale Score	2	6	427	440	451
aReading	Scale Score	2	7	430	443	455
aReading	Scale Score	2	8	433	447	458
aReading	Scale Score	2	9	435	450	460
aReading	Scale Score	2	10	437	452	462
aReading	Scale Score	2	11	439	455	464
aReading	Scale Score	2	12	441	457	465
aReading	Scale Score	2	13	442	459	467
aReading	Scale Score	2	14	444	460	468
aReading	Scale Score	2	15	445	462	469
aReading	Scale Score	2	16	446	463	470
aReading	Scale Score	2	17	448	464	471
aReading	Scale Score	2	18	449	465	472
aReading	Scale Score	2	19	450	466	473
aReading	Scale Score	2	20	451	467	474
aReading	Scale Score	2	21	453	468	475
aReading	Scale Score	2	22	454	469	476
aReading	Scale Score	2	23	456	470	477
aReading	Scale Score	2	24	457	470	478
aReading	Scale Score	2	25	458	471	478
aReading	Scale Score	2	26	459	472	479
aReading	Scale Score	2	27	460	473	480
aReading	Scale Score	2	28	461	474	481
aReading	Scale Score	2	29	461	474	481
aReading	Scale Score	2	30	462	475	482
aReading	Scale Score	2	31	463	475	483
aReading	Scale Score	2	32	464	476	484
aReading	Scale Score	2	33	464	477	485
aReading	Scale Score	2	34	465	477	485
aReading	Scale Score	2	35	466	478	486
aReading	Scale Score	2	36	466	478	487
aReading	Scale Score	2	37	467	479	488
aReading	Scale Score	2	38	468	480	488
aReading	Scale Score	2	39	469	480	489
aReading	Scale Score	2	40	469	481	490
aReading	Scale Score	2	41	470	482	490
aReading	Scale Score	2	42	470	482	491

Table 3: Grade 2 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	2	43	471	483	492
aReading	Scale Score	2	44	472	484	492
aReading	Scale Score	2	45	472	484	493
aReading	Scale Score	2	46	473	485	493
aReading	Scale Score	2	47	473	486	494
aReading	Scale Score	2	48	474	486	494
aReading	Scale Score	2	49	474	487	495
aReading	Scale Score	2	50	475	488	495
aReading	Scale Score	2	51	476	488	496
aReading	Scale Score	2	52	476	489	496
aReading	Scale Score	2	53	477	489	497
aReading	Scale Score	2	54	478	490	497
aReading	Scale Score	2	55	478	491	498
aReading	Scale Score	2	56	479	491	498
aReading	Scale Score	2	57	479	492	499
aReading	Scale Score	2	58	480	492	499
aReading	Scale Score	2	59	480	493	500
aReading	Scale Score	2	60	481	494	500
aReading	Scale Score	2	61	482	494	501
aReading	Scale Score	2	62	482	495	501
aReading	Scale Score	2	63	483	495	502
aReading	Scale Score	2	64	484	496	502
aReading	Scale Score	2	65	484	496	503
aReading	Scale Score	2	66	485	497	503
aReading	Scale Score	2	67	486	497	504
aReading	Scale Score	2	68	487	498	504
aReading	Scale Score	2	69	487	499	505
aReading	Scale Score	2	70	488	499	505
aReading	Scale Score	2	71	489	500	506
aReading	Scale Score	2	72	490	500	506
aReading	Scale Score	2	73	491	501	506
aReading	Scale Score	2	74	491	501	507
aReading	Scale Score	2	75	492	502	508
aReading	Scale Score	2	76	493	503	508
aReading	Scale Score	2	77	493	503	509
aReading	Scale Score	2	78	494	504	509
aReading	Scale Score	2	79	495	504	510
aReading	Scale Score	2	80	496	505	510
aReading	Scale Score	2	81	497	505	511
aReading	Scale Score	2	82	497	506	511
aReading	Scale Score	2	83	498	507	512
aReading	Scale Score	2	84	499	507	513

Table 3: Grade 2 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	2	85	500	508	513
aReading	Scale Score	2	86	500	509	514
aReading	Scale Score	2	87	501	510	515
aReading	Scale Score	2	88	502	510	516
aReading	Scale Score	2	89	503	511	517
aReading	Scale Score	2	90	504	512	517
aReading	Scale Score	2	91	505	513	518
aReading	Scale Score	2	92	506	514	519
aReading	Scale Score	2	93	507	515	520
aReading	Scale Score	2	94	508	517	521
aReading	Scale Score	2	95	510	518	522
aReading	Scale Score	2	96	512	520	524
aReading	Scale Score	2	97	515	521	525
aReading	Scale Score	2	98	518	523	527
aReading	Scale Score	2	99	522	525	532

Table 4: Grade 3 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	3	1	402	419	428
aReading	Scale Score	3	2	424	432	441
aReading	Scale Score	3	3	432	441	450
aReading	Scale Score	3	4	438	449	457
aReading	Scale Score	3	5	443	455	462
aReading	Scale Score	3	6	447	460	465
aReading	Scale Score	3	7	451	463	467
aReading	Scale Score	3	8	455	465	470
aReading	Scale Score	3	9	458	468	472
aReading	Scale Score	3	10	460	470	474
aReading	Scale Score	3	11	462	471	476
aReading	Scale Score	3	12	463	473	478
aReading	Scale Score	3	13	465	474	479
aReading	Scale Score	3	14	466	476	481
aReading	Scale Score	3	15	468	477	483
aReading	Scale Score	3	16	469	478	484
aReading	Scale Score	3	17	470	480	486
aReading	Scale Score	3	18	472	481	487
aReading	Scale Score	3	19	473	483	488
aReading	Scale Score	3	20	474	484	489
aReading	Scale Score	3	21	475	485	490
aReading	Scale Score	3	22	475	486	491
aReading	Scale Score	3	23	476	487	492
aReading	Scale Score	3	24	477	488	493
aReading	Scale Score	3	25	478	489	494
aReading	Scale Score	3	26	479	489	494
aReading	Scale Score	3	27	480	490	495
aReading	Scale Score	3	28	481	491	496
aReading	Scale Score	3	29	481	492	497
aReading	Scale Score	3	30	482	492	497
aReading	Scale Score	3	31	483	493	498
aReading	Scale Score	3	32	484	494	499
aReading	Scale Score	3	33	485	494	499
aReading	Scale Score	3	34	485	495	500
aReading	Scale Score	3	35	486	495	500
aReading	Scale Score	3	36	487	496	501
aReading	Scale Score	3	37	488	497	502
aReading	Scale Score	3	38	488	497	502
aReading	Scale Score	3	39	489	498	503
aReading	Scale Score	3	40	490	498	503
aReading	Scale Score	3	41	491	499	504
aReading	Scale Score	3	42	491	499	504

Table 4: Grade 3 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	3	43	492	500	504
aReading	Scale Score	3	44	493	500	505
aReading	Scale Score	3	45	493	501	505
aReading	Scale Score	3	46	494	501	506
aReading	Scale Score	3	47	494	502	506
aReading	Scale Score	3	48	495	502	507
aReading	Scale Score	3	49	495	503	507
aReading	Scale Score	3	50	496	503	508
aReading	Scale Score	3	51	496	503	508
aReading	Scale Score	3	52	497	504	509
aReading	Scale Score	3	53	497	504	509
aReading	Scale Score	3	54	498	505	510
aReading	Scale Score	3	55	498	505	510
aReading	Scale Score	3	56	499	506	511
aReading	Scale Score	3	57	499	506	511
aReading	Scale Score	3	58	500	506	512
aReading	Scale Score	3	59	500	507	512
aReading	Scale Score	3	60	500	507	513
aReading	Scale Score	3	61	501	508	513
aReading	Scale Score	3	62	501	508	514
aReading	Scale Score	3	63	502	509	514
aReading	Scale Score	3	64	502	510	514
aReading	Scale Score	3	65	503	510	515
aReading	Scale Score	3	66	503	511	515
aReading	Scale Score	3	67	504	511	516
aReading	Scale Score	3	68	504	511	516
aReading	Scale Score	3	69	504	512	517
aReading	Scale Score	3	70	505	512	517
aReading	Scale Score	3	71	505	513	518
aReading	Scale Score	3	72	506	513	518
aReading	Scale Score	3	73	506	514	519
aReading	Scale Score	3	74	507	514	519
aReading	Scale Score	3	75	508	515	520
aReading	Scale Score	3	76	508	515	520
aReading	Scale Score	3	77	509	516	521
aReading	Scale Score	3	78	510	516	521
aReading	Scale Score	3	79	510	517	521
aReading	Scale Score	3	80	511	518	522
aReading	Scale Score	3	81	512	518	522
aReading	Scale Score	3	82	512	519	523
aReading	Scale Score	3	83	513	519	523
aReading	Scale Score	3	84	514	520	524

Table 4: Grade 3 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	3	85	515	520	525
aReading	Scale Score	3	86	516	521	525
aReading	Scale Score	3	87	517	521	526
aReading	Scale Score	3	88	517	522	527
aReading	Scale Score	3	89	518	522	527
aReading	Scale Score	3	90	519	523	528
aReading	Scale Score	3	91	520	524	529
aReading	Scale Score	3	92	521	525	531
aReading	Scale Score	3	93	522	526	532
aReading	Scale Score	3	94	523	527	533
aReading	Scale Score	3	95	525	528	535
aReading	Scale Score	3	96	526	530	537
aReading	Scale Score	3	97	528	533	539
aReading	Scale Score	3	98	531	535	542
aReading	Scale Score	3	99	534	540	546

Table 5: Grade 4 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	4	1	428	433	442
aReading	Scale Score	4	2	444	450	457
aReading	Scale Score	4	3	455	461	465
aReading	Scale Score	4	4	460	467	469
aReading	Scale Score	4	5	464	471	472
aReading	Scale Score	4	6	467	474	475
aReading	Scale Score	4	7	470	477	478
aReading	Scale Score	4	8	472	479	482
aReading	Scale Score	4	9	474	482	485
aReading	Scale Score	4	10	476	484	487
aReading	Scale Score	4	11	478	487	489
aReading	Scale Score	4	12	480	488	491
aReading	Scale Score	4	13	481	490	493
aReading	Scale Score	4	14	482	492	494
aReading	Scale Score	4	15	484	493	496
aReading	Scale Score	4	16	485	494	497
aReading	Scale Score	4	17	487	495	498
aReading	Scale Score	4	18	488	496	499
aReading	Scale Score	4	19	490	497	500
aReading	Scale Score	4	20	491	498	501
aReading	Scale Score	4	21	492	499	502
aReading	Scale Score	4	22	493	499	502
aReading	Scale Score	4	23	493	500	503
aReading	Scale Score	4	24	494	501	504
aReading	Scale Score	4	25	495	501	505
aReading	Scale Score	4	26	496	502	505
aReading	Scale Score	4	27	496	502	506
aReading	Scale Score	4	28	497	503	506
aReading	Scale Score	4	29	497	503	507
aReading	Scale Score	4	30	498	504	508
aReading	Scale Score	4	31	498	504	508
aReading	Scale Score	4	32	499	505	509
aReading	Scale Score	4	33	499	505	509
aReading	Scale Score	4	34	500	506	510
aReading	Scale Score	4	35	500	506	510
aReading	Scale Score	4	36	501	507	511
aReading	Scale Score	4	37	501	507	511
aReading	Scale Score	4	38	502	508	512
aReading	Scale Score	4	39	502	508	512
aReading	Scale Score	4	40	502	509	513
aReading	Scale Score	4	41	503	509	513
aReading	Scale Score	4	42	503	510	513

Table 5: Grade 4 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	4	43	504	510	514
aReading	Scale Score	4	44	504	511	514
aReading	Scale Score	4	45	505	511	515
aReading	Scale Score	4	46	505	512	515
aReading	Scale Score	4	47	506	512	516
aReading	Scale Score	4	48	506	513	516
aReading	Scale Score	4	49	507	513	517
aReading	Scale Score	4	50	507	513	517
aReading	Scale Score	4	51	508	514	518
aReading	Scale Score	4	52	508	514	518
aReading	Scale Score	4	53	509	515	518
aReading	Scale Score	4	54	509	515	519
aReading	Scale Score	4	55	510	516	519
aReading	Scale Score	4	56	510	516	520
aReading	Scale Score	4	57	511	516	520
aReading	Scale Score	4	58	511	517	521
aReading	Scale Score	4	59	512	517	521
aReading	Scale Score	4	60	512	518	521
aReading	Scale Score	4	61	513	518	522
aReading	Scale Score	4	62	513	518	522
aReading	Scale Score	4	63	514	519	523
aReading	Scale Score	4	64	514	519	523
aReading	Scale Score	4	65	515	520	524
aReading	Scale Score	4	66	515	520	524
aReading	Scale Score	4	67	516	520	525
aReading	Scale Score	4	68	516	521	525
aReading	Scale Score	4	69	517	521	526
aReading	Scale Score	4	70	517	522	526
aReading	Scale Score	4	71	518	522	527
aReading	Scale Score	4	72	518	523	527
aReading	Scale Score	4	73	519	523	528
aReading	Scale Score	4	74	519	524	528
aReading	Scale Score	4	75	520	524	529
aReading	Scale Score	4	76	521	525	530
aReading	Scale Score	4	77	521	525	530
aReading	Scale Score	4	78	522	526	531
aReading	Scale Score	4	79	522	526	531
aReading	Scale Score	4	80	523	527	532
aReading	Scale Score	4	81	523	528	533
aReading	Scale Score	4	82	524	528	533
aReading	Scale Score	4	83	525	529	534
aReading	Scale Score	4	84	525	530	535

Table 5: Grade 4 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	4	85	526	530	535
aReading	Scale Score	4	86	527	531	536
aReading	Scale Score	4	87	528	532	537
aReading	Scale Score	4	88	528	533	538
aReading	Scale Score	4	89	529	534	538
aReading	Scale Score	4	90	530	535	539
aReading	Scale Score	4	91	532	536	541
aReading	Scale Score	4	92	533	537	542
aReading	Scale Score	4	93	534	538	544
aReading	Scale Score	4	94	536	539	546
aReading	Scale Score	4	95	537	540	547
aReading	Scale Score	4	96	538	542	549
aReading	Scale Score	4	97	540	546	551
aReading	Scale Score	4	98	543	549	553
aReading	Scale Score	4	99	546	553	556

Table 6: Grade 5 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	5	1	443	453	455
aReading	Scale Score	5	2	460	467	467
aReading	Scale Score	5	3	467	473	474
aReading	Scale Score	5	4	472	478	478
aReading	Scale Score	5	5	475	481	482
aReading	Scale Score	5	6	478	485	486
aReading	Scale Score	5	7	481	487	490
aReading	Scale Score	5	8	483	491	493
aReading	Scale Score	5	9	485	493	495
aReading	Scale Score	5	10	488	495	497
aReading	Scale Score	5	11	490	497	499
aReading	Scale Score	5	12	492	498	501
aReading	Scale Score	5	13	493	499	502
aReading	Scale Score	5	14	495	500	503
aReading	Scale Score	5	15	496	501	504
aReading	Scale Score	5	16	497	502	505
aReading	Scale Score	5	17	497	503	506
aReading	Scale Score	5	18	498	504	507
aReading	Scale Score	5	19	499	505	508
aReading	Scale Score	5	20	500	506	509
aReading	Scale Score	5	21	501	506	509
aReading	Scale Score	5	22	501	507	510
aReading	Scale Score	5	23	502	508	511
aReading	Scale Score	5	24	503	509	511
aReading	Scale Score	5	25	503	509	512
aReading	Scale Score	5	26	504	510	513
aReading	Scale Score	5	27	504	511	513
aReading	Scale Score	5	28	505	511	514
aReading	Scale Score	5	29	506	512	514
aReading	Scale Score	5	30	506	512	515
aReading	Scale Score	5	31	507	513	515
aReading	Scale Score	5	32	508	513	516
aReading	Scale Score	5	33	508	514	516
aReading	Scale Score	5	34	509	514	517
aReading	Scale Score	5	35	510	515	518
aReading	Scale Score	5	36	510	515	518
aReading	Scale Score	5	37	511	516	519
aReading	Scale Score	5	38	512	516	519
aReading	Scale Score	5	39	512	517	520
aReading	Scale Score	5	40	513	517	520
aReading	Scale Score	5	41	513	517	521
aReading	Scale Score	5	42	514	518	521

Table 6: Grade 5 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	5	43	514	518	522
aReading	Scale Score	5	44	515	519	522
aReading	Scale Score	5	45	515	519	523
aReading	Scale Score	5	46	516	520	523
aReading	Scale Score	5	47	516	520	524
aReading	Scale Score	5	48	517	521	524
aReading	Scale Score	5	49	517	521	525
aReading	Scale Score	5	50	518	521	525
aReading	Scale Score	5	51	518	522	526
aReading	Scale Score	5	52	519	522	526
aReading	Scale Score	5	53	519	523	527
aReading	Scale Score	5	54	520	523	528
aReading	Scale Score	5	55	520	524	528
aReading	Scale Score	5	56	520	524	529
aReading	Scale Score	5	57	521	525	530
aReading	Scale Score	5	58	521	525	530
aReading	Scale Score	5	59	522	526	531
aReading	Scale Score	5	60	522	526	531
aReading	Scale Score	5	61	523	527	532
aReading	Scale Score	5	62	523	527	532
aReading	Scale Score	5	63	524	528	533
aReading	Scale Score	5	64	524	528	533
aReading	Scale Score	5	65	525	529	534
aReading	Scale Score	5	66	526	530	534
aReading	Scale Score	5	67	526	530	535
aReading	Scale Score	5	68	527	531	535
aReading	Scale Score	5	69	527	531	536
aReading	Scale Score	5	70	528	532	536
aReading	Scale Score	5	71	528	532	537
aReading	Scale Score	5	72	529	533	537
aReading	Scale Score	5	73	530	533	538
aReading	Scale Score	5	74	530	534	538
aReading	Scale Score	5	75	531	534	539
aReading	Scale Score	5	76	531	535	539
aReading	Scale Score	5	77	532	536	540
aReading	Scale Score	5	78	533	536	540
aReading	Scale Score	5	79	533	537	541
aReading	Scale Score	5	80	534	537	542
aReading	Scale Score	5	81	535	538	543
aReading	Scale Score	5	82	535	539	543
aReading	Scale Score	5	83	536	539	544
aReading	Scale Score	5	84	537	540	545

Table 6: Grade 5 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	5	85	537	541	546
aReading	Scale Score	5	86	538	542	547
aReading	Scale Score	5	87	539	543	547
aReading	Scale Score	5	88	540	544	548
aReading	Scale Score	5	89	541	545	549
aReading	Scale Score	5	90	541	546	550
aReading	Scale Score	5	91	542	547	551
aReading	Scale Score	5	92	543	548	552
aReading	Scale Score	5	93	543	549	553
aReading	Scale Score	5	94	544	550	554
aReading	Scale Score	5	95	545	551	555
aReading	Scale Score	5	96	546	553	557
aReading	Scale Score	5	97	548	554	558
aReading	Scale Score	5	98	551	556	561
aReading	Scale Score	5	99	554	560	565

Table 7: Grade 6 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	6	1	452	455	460
aReading	Scale Score	6	2	465	467	469
aReading	Scale Score	6	3	470	474	475
aReading	Scale Score	6	4	475	480	480
aReading	Scale Score	6	5	479	485	485
aReading	Scale Score	6	6	482	489	490
aReading	Scale Score	6	7	486	492	493
aReading	Scale Score	6	8	489	495	496
aReading	Scale Score	6	9	491	497	498
aReading	Scale Score	6	10	493	499	500
aReading	Scale Score	6	11	495	500	502
aReading	Scale Score	6	12	496	502	503
aReading	Scale Score	6	13	497	503	505
aReading	Scale Score	6	14	498	504	506
aReading	Scale Score	6	15	499	505	508
aReading	Scale Score	6	16	500	506	509
aReading	Scale Score	6	17	501	507	510
aReading	Scale Score	6	18	502	508	510
aReading	Scale Score	6	19	503	509	511
aReading	Scale Score	6	20	504	510	512
aReading	Scale Score	6	21	504	511	513
aReading	Scale Score	6	22	505	511	513
aReading	Scale Score	6	23	506	512	514
aReading	Scale Score	6	24	507	513	515
aReading	Scale Score	6	25	508	513	515
aReading	Scale Score	6	26	508	514	516
aReading	Scale Score	6	27	509	514	517
aReading	Scale Score	6	28	510	515	518
aReading	Scale Score	6	29	511	515	518
aReading	Scale Score	6	30	511	516	519
aReading	Scale Score	6	31	512	516	519
aReading	Scale Score	6	32	513	517	520
aReading	Scale Score	6	33	513	518	520
aReading	Scale Score	6	34	514	518	521
aReading	Scale Score	6	35	514	519	521
aReading	Scale Score	6	36	515	519	522
aReading	Scale Score	6	37	515	520	523
aReading	Scale Score	6	38	516	520	523
aReading	Scale Score	6	39	516	521	524
aReading	Scale Score	6	40	517	521	524
aReading	Scale Score	6	41	517	521	525
aReading	Scale Score	6	42	518	522	525

Table 7: Grade 6 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	6	43	518	522	526
aReading	Scale Score	6	44	519	523	527
aReading	Scale Score	6	45	519	523	527
aReading	Scale Score	6	46	520	524	528
aReading	Scale Score	6	47	520	524	529
aReading	Scale Score	6	48	521	525	529
aReading	Scale Score	6	49	522	526	530
aReading	Scale Score	6	50	522	526	530
aReading	Scale Score	6	51	523	527	531
aReading	Scale Score	6	52	523	527	532
aReading	Scale Score	6	53	524	528	532
aReading	Scale Score	6	54	525	528	533
aReading	Scale Score	6	55	525	529	533
aReading	Scale Score	6	56	526	530	534
aReading	Scale Score	6	57	526	530	534
aReading	Scale Score	6	58	527	531	535
aReading	Scale Score	6	59	528	531	535
aReading	Scale Score	6	60	528	532	536
aReading	Scale Score	6	61	529	532	536
aReading	Scale Score	6	62	530	533	537
aReading	Scale Score	6	63	530	534	537
aReading	Scale Score	6	64	531	534	538
aReading	Scale Score	6	65	532	535	538
aReading	Scale Score	6	66	532	535	539
aReading	Scale Score	6	67	533	536	539
aReading	Scale Score	6	68	533	536	540
aReading	Scale Score	6	69	534	537	540
aReading	Scale Score	6	70	534	537	541
aReading	Scale Score	6	71	535	538	541
aReading	Scale Score	6	72	535	538	542
aReading	Scale Score	6	73	536	539	543
aReading	Scale Score	6	74	537	539	543
aReading	Scale Score	6	75	537	540	544
aReading	Scale Score	6	76	538	541	545
aReading	Scale Score	6	77	538	541	545
aReading	Scale Score	6	78	539	542	546
aReading	Scale Score	6	79	540	542	547
aReading	Scale Score	6	80	540	543	547
aReading	Scale Score	6	81	541	544	548
aReading	Scale Score	6	82	541	545	548
aReading	Scale Score	6	83	542	545	549
aReading	Scale Score	6	84	542	546	550

Table 7: Grade 6 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	6	85	543	547	551
aReading	Scale Score	6	86	543	548	551
aReading	Scale Score	6	87	543	548	552
aReading	Scale Score	6	88	544	549	553
aReading	Scale Score	6	89	545	550	553
aReading	Scale Score	6	90	545	551	554
aReading	Scale Score	6	91	546	551	555
aReading	Scale Score	6	92	547	552	556
aReading	Scale Score	6	93	548	553	557
aReading	Scale Score	6	94	549	555	558
aReading	Scale Score	6	95	550	556	560
aReading	Scale Score	6	96	552	557	561
aReading	Scale Score	6	97	554	559	563
aReading	Scale Score	6	98	557	561	566
aReading	Scale Score	6	99	562	566	570

Table 8: Grade 7 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	7	1	460	461	464
aReading	Scale Score	7	2	471	474	474
aReading	Scale Score	7	3	478	482	483
aReading	Scale Score	7	4	485	490	490
aReading	Scale Score	7	5	491	495	495
aReading	Scale Score	7	6	495	499	499
aReading	Scale Score	7	7	498	502	503
aReading	Scale Score	7	8	501	504	505
aReading	Scale Score	7	9	502	506	507
aReading	Scale Score	7	10	504	508	508
aReading	Scale Score	7	11	506	509	510
aReading	Scale Score	7	12	507	511	511
aReading	Scale Score	7	13	508	511	512
aReading	Scale Score	7	14	509	512	513
aReading	Scale Score	7	15	510	513	514
aReading	Scale Score	7	16	511	514	514
aReading	Scale Score	7	17	512	515	515
aReading	Scale Score	7	18	513	516	516
aReading	Scale Score	7	19	514	516	517
aReading	Scale Score	7	20	514	517	517
aReading	Scale Score	7	21	515	518	518
aReading	Scale Score	7	22	515	518	519
aReading	Scale Score	7	23	516	519	520
aReading	Scale Score	7	24	517	520	521
aReading	Scale Score	7	25	517	521	521
aReading	Scale Score	7	26	518	521	522
aReading	Scale Score	7	27	519	522	523
aReading	Scale Score	7	28	519	523	524
aReading	Scale Score	7	29	520	524	524
aReading	Scale Score	7	30	520	524	525
aReading	Scale Score	7	31	521	525	526
aReading	Scale Score	7	32	521	526	527
aReading	Scale Score	7	33	522	527	528
aReading	Scale Score	7	34	523	528	528
aReading	Scale Score	7	35	523	529	529
aReading	Scale Score	7	36	524	529	530
aReading	Scale Score	7	37	525	530	531
aReading	Scale Score	7	38	526	531	531
aReading	Scale Score	7	39	526	531	532
aReading	Scale Score	7	40	527	532	533
aReading	Scale Score	7	41	528	532	533
aReading	Scale Score	7	42	528	533	534

Table 8: Grade 7 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	7	43	529	534	534
aReading	Scale Score	7	44	529	534	535
aReading	Scale Score	7	45	530	535	535
aReading	Scale Score	7	46	531	535	536
aReading	Scale Score	7	47	531	536	536
aReading	Scale Score	7	48	532	536	537
aReading	Scale Score	7	49	532	537	538
aReading	Scale Score	7	50	533	537	538
aReading	Scale Score	7	51	534	538	539
aReading	Scale Score	7	52	534	538	539
aReading	Scale Score	7	53	535	539	539
aReading	Scale Score	7	54	535	539	540
aReading	Scale Score	7	55	536	540	541
aReading	Scale Score	7	56	536	540	541
aReading	Scale Score	7	57	537	541	541
aReading	Scale Score	7	58	537	541	542
aReading	Scale Score	7	59	538	542	543
aReading	Scale Score	7	60	538	543	543
aReading	Scale Score	7	61	539	543	544
aReading	Scale Score	7	62	539	544	544
aReading	Scale Score	7	63	540	544	545
aReading	Scale Score	7	64	541	545	545
aReading	Scale Score	7	65	541	546	546
aReading	Scale Score	7	66	541	546	546
aReading	Scale Score	7	67	542	546	547
aReading	Scale Score	7	68	543	547	548
aReading	Scale Score	7	69	543	548	548
aReading	Scale Score	7	70	544	548	549
aReading	Scale Score	7	71	545	549	549
aReading	Scale Score	7	72	545	549	550
aReading	Scale Score	7	73	546	550	550
aReading	Scale Score	7	74	546	550	551
aReading	Scale Score	7	75	547	551	551
aReading	Scale Score	7	76	547	551	552
aReading	Scale Score	7	77	548	552	553
aReading	Scale Score	7	78	549	552	553
aReading	Scale Score	7	79	549	553	554
aReading	Scale Score	7	80	550	553	554
aReading	Scale Score	7	81	550	554	555
aReading	Scale Score	7	82	551	555	556
aReading	Scale Score	7	83	552	555	556
aReading	Scale Score	7	84	552	556	557

Table 8: Grade 7 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	7	85	553	556	557
aReading	Scale Score	7	86	554	557	558
aReading	Scale Score	7	87	554	558	559
aReading	Scale Score	7	88	555	558	559
aReading	Scale Score	7	89	556	559	560
aReading	Scale Score	7	90	557	560	561
aReading	Scale Score	7	91	558	561	562
aReading	Scale Score	7	92	559	562	563
aReading	Scale Score	7	93	560	563	564
aReading	Scale Score	7	94	561	564	566
aReading	Scale Score	7	95	563	566	567
aReading	Scale Score	7	96	564	567	569
aReading	Scale Score	7	97	566	569	571
aReading	Scale Score	7	98	569	572	573
aReading	Scale Score	7	99	573	576	577

Table 9: Grade 8 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	8	1	464	465	466
aReading	Scale Score	8	2	477	479	479
aReading	Scale Score	8	3	486	488	489
aReading	Scale Score	8	4	494	496	497
aReading	Scale Score	8	5	499	501	502
aReading	Scale Score	8	6	502	505	506
aReading	Scale Score	8	7	505	507	508
aReading	Scale Score	8	8	507	509	510
aReading	Scale Score	8	9	509	511	512
aReading	Scale Score	8	10	510	512	513
aReading	Scale Score	8	11	511	514	514
aReading	Scale Score	8	12	512	515	516
aReading	Scale Score	8	13	514	516	517
aReading	Scale Score	8	14	514	517	518
aReading	Scale Score	8	15	515	518	519
aReading	Scale Score	8	16	516	519	520
aReading	Scale Score	8	17	517	520	521
aReading	Scale Score	8	18	518	521	522
aReading	Scale Score	8	19	518	522	523
aReading	Scale Score	8	20	519	523	524
aReading	Scale Score	8	21	520	524	526
aReading	Scale Score	8	22	521	525	527
aReading	Scale Score	8	23	521	526	528
aReading	Scale Score	8	24	522	527	529
aReading	Scale Score	8	25	523	528	530
aReading	Scale Score	8	26	524	529	531
aReading	Scale Score	8	27	525	530	532
aReading	Scale Score	8	28	526	531	532
aReading	Scale Score	8	29	527	531	533
aReading	Scale Score	8	30	528	532	534
aReading	Scale Score	8	31	528	533	534
aReading	Scale Score	8	32	529	534	535
aReading	Scale Score	8	33	530	534	536
aReading	Scale Score	8	34	531	535	536
aReading	Scale Score	8	35	531	536	537
aReading	Scale Score	8	36	532	536	538
aReading	Scale Score	8	37	533	536	538
aReading	Scale Score	8	38	533	537	539
aReading	Scale Score	8	39	534	538	539
aReading	Scale Score	8	40	534	538	539
aReading	Scale Score	8	41	535	539	540
aReading	Scale Score	8	42	536	539	541

Table 9: Grade 8 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	8	43	536	540	541
aReading	Scale Score	8	44	537	540	542
aReading	Scale Score	8	45	537	541	542
aReading	Scale Score	8	46	538	541	543
aReading	Scale Score	8	47	538	542	543
aReading	Scale Score	8	48	539	542	544
aReading	Scale Score	8	49	539	543	544
aReading	Scale Score	8	50	540	544	545
aReading	Scale Score	8	51	540	544	546
aReading	Scale Score	8	52	541	545	546
aReading	Scale Score	8	53	541	545	547
aReading	Scale Score	8	54	542	546	547
aReading	Scale Score	8	55	543	546	548
aReading	Scale Score	8	56	543	547	548
aReading	Scale Score	8	57	544	547	549
aReading	Scale Score	8	58	544	548	549
aReading	Scale Score	8	59	545	548	549
aReading	Scale Score	8	60	545	549	550
aReading	Scale Score	8	61	546	549	551
aReading	Scale Score	8	62	546	550	551
aReading	Scale Score	8	63	547	550	551
aReading	Scale Score	8	64	548	551	552
aReading	Scale Score	8	65	548	551	552
aReading	Scale Score	8	66	549	551	553
aReading	Scale Score	8	67	549	552	553
aReading	Scale Score	8	68	550	553	554
aReading	Scale Score	8	69	550	553	554
aReading	Scale Score	8	70	551	553	555
aReading	Scale Score	8	71	551	554	556
aReading	Scale Score	8	72	552	554	556
aReading	Scale Score	8	73	552	555	556
aReading	Scale Score	8	74	553	555	557
aReading	Scale Score	8	75	553	556	558
aReading	Scale Score	8	76	554	556	558
aReading	Scale Score	8	77	554	557	559
aReading	Scale Score	8	78	555	557	559
aReading	Scale Score	8	79	555	558	560
aReading	Scale Score	8	80	556	558	560
aReading	Scale Score	8	81	556	559	561
aReading	Scale Score	8	82	557	559	561
aReading	Scale Score	8	83	558	560	562
aReading	Scale Score	8	84	558	561	563

Table 9: Grade 8 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	8	85	559	561	563
aReading	Scale Score	8	86	560	562	564
aReading	Scale Score	8	87	560	563	564
aReading	Scale Score	8	88	561	564	565
aReading	Scale Score	8	89	562	564	566
aReading	Scale Score	8	90	563	565	567
aReading	Scale Score	8	91	564	566	568
aReading	Scale Score	8	92	565	567	569
aReading	Scale Score	8	93	566	568	570
aReading	Scale Score	8	94	567	570	571
aReading	Scale Score	8	95	569	571	572
aReading	Scale Score	8	96	570	573	574
aReading	Scale Score	8	97	573	575	576
aReading	Scale Score	8	98	575	578	578
aReading	Scale Score	8	99	579	582	582

Table 10: Grade 9 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	9	1	471	473	475
aReading	Scale Score	9	2	482	484	486
aReading	Scale Score	9	3	490	491	493
aReading	Scale Score	9	4	495	497	499
aReading	Scale Score	9	5	499	501	503
aReading	Scale Score	9	6	503	504	506
aReading	Scale Score	9	7	505	507	509
aReading	Scale Score	9	8	508	510	512
aReading	Scale Score	9	9	511	512	514
aReading	Scale Score	9	10	512	514	516
aReading	Scale Score	9	11	514	515	517
aReading	Scale Score	9	12	515	517	519
aReading	Scale Score	9	13	516	518	520
aReading	Scale Score	9	14	517	519	521
aReading	Scale Score	9	15	519	520	522
aReading	Scale Score	9	16	520	521	523
aReading	Scale Score	9	17	520	522	524
aReading	Scale Score	9	18	522	523	525
aReading	Scale Score	9	19	523	524	526
aReading	Scale Score	9	20	524	525	527
aReading	Scale Score	9	21	524	526	528
aReading	Scale Score	9	22	526	527	529
aReading	Scale Score	9	23	526	527	529
aReading	Scale Score	9	24	527	529	531
aReading	Scale Score	9	25	528	529	531
aReading	Scale Score	9	26	529	530	532
aReading	Scale Score	9	27	529	531	532
aReading	Scale Score	9	28	530	532	533
aReading	Scale Score	9	29	531	532	534
aReading	Scale Score	9	30	532	533	535
aReading	Scale Score	9	31	533	534	536
aReading	Scale Score	9	32	533	534	536
aReading	Scale Score	9	33	534	535	537
aReading	Scale Score	9	34	534	535	537
aReading	Scale Score	9	35	535	536	538
aReading	Scale Score	9	36	535	537	539
aReading	Scale Score	9	37	536	537	539
aReading	Scale Score	9	38	537	539	540
aReading	Scale Score	9	39	538	539	541
aReading	Scale Score	9	40	538	539	541
aReading	Scale Score	9	41	538	540	541
aReading	Scale Score	9	42	539	540	542

Table 10: Grade 9 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	9	43	540	541	543
aReading	Scale Score	9	44	540	542	543
aReading	Scale Score	9	45	541	542	544
aReading	Scale Score	9	46	541	543	545
aReading	Scale Score	9	47	541	543	545
aReading	Scale Score	9	48	542	544	546
aReading	Scale Score	9	49	543	544	546
aReading	Scale Score	9	50	543	545	547
aReading	Scale Score	9	51	544	546	547
aReading	Scale Score	9	52	544	546	547
aReading	Scale Score	9	53	545	546	548
aReading	Scale Score	9	54	545	547	548
aReading	Scale Score	9	55	546	548	549
aReading	Scale Score	9	56	547	548	550
aReading	Scale Score	9	57	547	548	550
aReading	Scale Score	9	58	547	549	551
aReading	Scale Score	9	59	548	549	551
aReading	Scale Score	9	60	549	550	552
aReading	Scale Score	9	61	549	551	552
aReading	Scale Score	9	62	550	551	553
aReading	Scale Score	9	63	550	552	553
aReading	Scale Score	9	64	551	552	554
aReading	Scale Score	9	65	551	553	554
aReading	Scale Score	9	66	552	553	555
aReading	Scale Score	9	67	552	554	555
aReading	Scale Score	9	68	552	554	556
aReading	Scale Score	9	69	553	555	556
aReading	Scale Score	9	70	554	555	557
aReading	Scale Score	9	71	554	556	557
aReading	Scale Score	9	72	555	556	558
aReading	Scale Score	9	73	555	557	558
aReading	Scale Score	9	74	556	557	559
aReading	Scale Score	9	75	556	558	559
aReading	Scale Score	9	76	557	559	560
aReading	Scale Score	9	77	557	559	560
aReading	Scale Score	9	78	558	560	561
aReading	Scale Score	9	79	558	560	562
aReading	Scale Score	9	80	559	560	562
aReading	Scale Score	9	81	559	561	562
aReading	Scale Score	9	82	560	561	563
aReading	Scale Score	9	83	560	561	563
aReading	Scale Score	9	84	561	562	564

Table 10: Grade 9 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	9	85	562	563	565
aReading	Scale Score	9	86	562	564	565
aReading	Scale Score	9	87	563	564	566
aReading	Scale Score	9	88	564	566	567
aReading	Scale Score	9	89	565	566	568
aReading	Scale Score	9	90	566	567	569
aReading	Scale Score	9	91	568	569	571
aReading	Scale Score	9	92	569	570	572
aReading	Scale Score	9	93	569	571	573
aReading	Scale Score	9	94	571	572	574
aReading	Scale Score	9	95	572	574	576
aReading	Scale Score	9	96	574	576	578
aReading	Scale Score	9	97	577	579	580
aReading	Scale Score	9	98	580	581	583
aReading	Scale Score	9	99	585	586	588

Table 11: Grade 10 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	10	1	477	479	481
aReading	Scale Score	10	2	487	489	491
aReading	Scale Score	10	3	495	496	498
aReading	Scale Score	10	4	500	501	503
aReading	Scale Score	10	5	504	506	508
aReading	Scale Score	10	6	508	509	511
aReading	Scale Score	10	7	510	512	514
aReading	Scale Score	10	8	513	514	516
aReading	Scale Score	10	9	515	517	519
aReading	Scale Score	10	10	517	518	520
aReading	Scale Score	10	11	518	520	521
aReading	Scale Score	10	12	520	521	523
aReading	Scale Score	10	13	521	522	524
aReading	Scale Score	10	14	522	523	525
aReading	Scale Score	10	15	523	524	526
aReading	Scale Score	10	16	524	526	527
aReading	Scale Score	10	17	525	526	528
aReading	Scale Score	10	18	526	528	529
aReading	Scale Score	10	19	527	528	530
aReading	Scale Score	10	20	528	529	531
aReading	Scale Score	10	21	529	530	532
aReading	Scale Score	10	22	530	531	533
aReading	Scale Score	10	23	530	532	533
aReading	Scale Score	10	24	532	533	535
aReading	Scale Score	10	25	532	533	535
aReading	Scale Score	10	26	533	534	536
aReading	Scale Score	10	27	533	535	536
aReading	Scale Score	10	28	534	536	537
aReading	Scale Score	10	29	535	536	538
aReading	Scale Score	10	30	536	537	539
aReading	Scale Score	10	31	537	538	540
aReading	Scale Score	10	32	537	538	540
aReading	Scale Score	10	33	538	540	541
aReading	Scale Score	10	34	539	540	542
aReading	Scale Score	10	35	539	541	542
aReading	Scale Score	10	36	540	541	543
aReading	Scale Score	10	37	540	541	543
aReading	Scale Score	10	38	542	543	544
aReading	Scale Score	10	39	542	543	545
aReading	Scale Score	10	40	542	544	545
aReading	Scale Score	10	41	542	544	545
aReading	Scale Score	10	42	543	545	546

Table 11: Grade 10 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	10	43	544	545	547
aReading	Scale Score	10	44	544	546	547
aReading	Scale Score	10	45	545	546	548
aReading	Scale Score	10	46	546	547	548
aReading	Scale Score	10	47	546	547	549
aReading	Scale Score	10	48	547	548	549
aReading	Scale Score	10	49	547	548	550
aReading	Scale Score	10	50	548	549	550
aReading	Scale Score	10	51	548	550	551
aReading	Scale Score	10	52	548	550	552
aReading	Scale Score	10	53	549	551	552
aReading	Scale Score	10	54	549	551	552
aReading	Scale Score	10	55	550	552	553
aReading	Scale Score	10	56	551	552	554
aReading	Scale Score	10	57	551	553	554
aReading	Scale Score	10	58	552	553	554
aReading	Scale Score	10	59	552	553	555
aReading	Scale Score	10	60	553	554	556
aReading	Scale Score	10	61	553	555	556
aReading	Scale Score	10	62	554	555	557
aReading	Scale Score	10	63	554	556	557
aReading	Scale Score	10	64	555	556	558
aReading	Scale Score	10	65	555	557	558
aReading	Scale Score	10	66	556	557	559
aReading	Scale Score	10	67	556	558	559
aReading	Scale Score	10	68	557	558	559
aReading	Scale Score	10	69	557	559	560
aReading	Scale Score	10	70	558	559	561
aReading	Scale Score	10	71	558	560	561
aReading	Scale Score	10	72	559	560	562
aReading	Scale Score	10	73	559	561	562
aReading	Scale Score	10	74	560	561	562
aReading	Scale Score	10	75	560	562	563
aReading	Scale Score	10	76	561	562	564
aReading	Scale Score	10	77	561	563	564
aReading	Scale Score	10	78	562	564	565
aReading	Scale Score	10	79	563	564	565
aReading	Scale Score	10	80	563	564	566
aReading	Scale Score	10	81	563	565	566
aReading	Scale Score	10	82	564	565	567
aReading	Scale Score	10	83	564	565	567
aReading	Scale Score	10	84	565	566	568

Table 11: Grade 10 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	10	85	566	567	569
aReading	Scale Score	10	86	566	568	569
aReading	Scale Score	10	87	567	568	570
aReading	Scale Score	10	88	568	570	571
aReading	Scale Score	10	89	569	570	572
aReading	Scale Score	10	90	570	571	573
aReading	Scale Score	10	91	572	573	575
aReading	Scale Score	10	92	573	574	576
aReading	Scale Score	10	93	574	575	577
aReading	Scale Score	10	94	575	576	578
aReading	Scale Score	10	95	577	578	579
aReading	Scale Score	10	96	579	580	582
aReading	Scale Score	10	97	581	583	584
aReading	Scale Score	10	98	584	586	587
aReading	Scale Score	10	99	589	590	592

Table 12: Grade 11 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	11	1	482	484	486
aReading	Scale Score	11	2	492	494	496
aReading	Scale Score	11	3	499	501	502
aReading	Scale Score	11	4	504	506	507
aReading	Scale Score	11	5	509	510	512
aReading	Scale Score	11	6	512	513	515
aReading	Scale Score	11	7	515	516	518
aReading	Scale Score	11	8	517	519	520
aReading	Scale Score	11	9	520	521	523
aReading	Scale Score	11	10	521	522	524
aReading	Scale Score	11	11	522	524	525
aReading	Scale Score	11	12	524	525	527
aReading	Scale Score	11	13	525	526	527
aReading	Scale Score	11	14	526	527	529
aReading	Scale Score	11	15	527	528	530
aReading	Scale Score	11	16	528	529	531
aReading	Scale Score	11	17	529	530	531
aReading	Scale Score	11	18	530	531	533
aReading	Scale Score	11	19	531	532	534
aReading	Scale Score	11	20	532	533	535
aReading	Scale Score	11	21	533	534	535
aReading	Scale Score	11	22	534	535	536
aReading	Scale Score	11	23	534	535	537
aReading	Scale Score	11	24	536	537	538
aReading	Scale Score	11	25	536	537	538
aReading	Scale Score	11	26	537	538	540
aReading	Scale Score	11	27	537	538	540
aReading	Scale Score	11	28	538	539	541
aReading	Scale Score	11	29	539	540	542
aReading	Scale Score	11	30	540	541	542
aReading	Scale Score	11	31	541	542	543
aReading	Scale Score	11	32	541	542	544
aReading	Scale Score	11	33	542	543	545
aReading	Scale Score	11	34	543	544	545
aReading	Scale Score	11	35	543	544	546
aReading	Scale Score	11	36	544	545	546
aReading	Scale Score	11	37	544	545	546
aReading	Scale Score	11	38	545	547	548
aReading	Scale Score	11	39	546	547	548
aReading	Scale Score	11	40	546	547	549
aReading	Scale Score	11	41	546	548	549
aReading	Scale Score	11	42	547	548	550

Table 12: Grade 11 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	11	43	548	549	551
aReading	Scale Score	11	44	548	550	551
aReading	Scale Score	11	45	549	550	551
aReading	Scale Score	11	46	549	551	552
aReading	Scale Score	11	47	550	551	552
aReading	Scale Score	11	48	550	552	553
aReading	Scale Score	11	49	551	552	553
aReading	Scale Score	11	50	551	553	554
aReading	Scale Score	11	51	552	553	555
aReading	Scale Score	11	52	553	554	555
aReading	Scale Score	11	53	553	554	556
aReading	Scale Score	11	54	553	555	556
aReading	Scale Score	11	55	554	555	557
aReading	Scale Score	11	56	555	556	557
aReading	Scale Score	11	57	555	556	558
aReading	Scale Score	11	58	555	557	558
aReading	Scale Score	11	59	556	557	558
aReading	Scale Score	11	60	557	558	559
aReading	Scale Score	11	61	557	558	560
aReading	Scale Score	11	62	558	559	560
aReading	Scale Score	11	63	558	559	561
aReading	Scale Score	11	64	559	560	561
aReading	Scale Score	11	65	559	560	562
aReading	Scale Score	11	66	560	561	562
aReading	Scale Score	11	67	560	561	563
aReading	Scale Score	11	68	560	562	563
aReading	Scale Score	11	69	561	562	564
aReading	Scale Score	11	70	561	563	564
aReading	Scale Score	11	71	562	563	565
aReading	Scale Score	11	72	563	564	565
aReading	Scale Score	11	73	563	564	566
aReading	Scale Score	11	74	563	565	566
aReading	Scale Score	11	75	564	565	567
aReading	Scale Score	11	76	565	566	567
aReading	Scale Score	11	77	565	566	568
aReading	Scale Score	11	78	566	567	569
aReading	Scale Score	11	79	566	567	569
aReading	Scale Score	11	80	567	568	569
aReading	Scale Score	11	81	567	568	570
aReading	Scale Score	11	82	568	569	570
aReading	Scale Score	11	83	568	569	571
aReading	Scale Score	11	84	569	570	572

Table 12: Grade 11 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	11	85	570	571	573
aReading	Scale Score	11	86	570	572	573
aReading	Scale Score	11	87	571	572	573
aReading	Scale Score	11	88	572	573	575
aReading	Scale Score	11	89	573	574	576
aReading	Scale Score	11	90	574	575	577
aReading	Scale Score	11	91	576	577	578
aReading	Scale Score	11	92	577	578	579
aReading	Scale Score	11	93	577	579	580
aReading	Scale Score	11	94	579	580	581
aReading	Scale Score	11	95	580	582	583
aReading	Scale Score	11	96	582	584	585
aReading	Scale Score	11	97	585	586	588
aReading	Scale Score	11	98	588	589	591
aReading	Scale Score	11	99	593	594	595

Table 13: Grade 12 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	12	1	487	489	491
aReading	Scale Score	12	2	497	498	500
aReading	Scale Score	12	3	503	505	506
aReading	Scale Score	12	4	508	510	511
aReading	Scale Score	12	5	513	514	516
aReading	Scale Score	12	6	516	517	519
aReading	Scale Score	12	7	519	520	521
aReading	Scale Score	12	8	521	522	524
aReading	Scale Score	12	9	523	525	526
aReading	Scale Score	12	10	525	526	528
aReading	Scale Score	12	11	526	527	529
aReading	Scale Score	12	12	528	529	530
aReading	Scale Score	12	13	528	530	531
aReading	Scale Score	12	14	529	531	532
aReading	Scale Score	12	15	531	532	533
aReading	Scale Score	12	16	532	533	534
aReading	Scale Score	12	17	532	533	535
aReading	Scale Score	12	18	534	535	536
aReading	Scale Score	12	19	534	536	537
aReading	Scale Score	12	20	535	537	538
aReading	Scale Score	12	21	536	537	539
aReading	Scale Score	12	22	537	538	540
aReading	Scale Score	12	23	538	539	540
aReading	Scale Score	12	24	539	540	542
aReading	Scale Score	12	25	539	540	542
aReading	Scale Score	12	26	540	542	543
aReading	Scale Score	12	27	541	542	543
aReading	Scale Score	12	28	542	543	544
aReading	Scale Score	12	29	542	544	545
aReading	Scale Score	12	30	543	544	546
aReading	Scale Score	12	31	544	545	547
aReading	Scale Score	12	32	544	546	547
aReading	Scale Score	12	33	546	547	548
aReading	Scale Score	12	34	546	547	549
aReading	Scale Score	12	35	547	548	549
aReading	Scale Score	12	36	547	548	549
aReading	Scale Score	12	37	547	549	550
aReading	Scale Score	12	38	549	550	551
aReading	Scale Score	12	39	549	550	552
aReading	Scale Score	12	40	549	551	552
aReading	Scale Score	12	41	550	551	552
aReading	Scale Score	12	42	550	552	553

Table 13: Grade 12 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	12	43	551	553	554
aReading	Scale Score	12	44	552	553	554
aReading	Scale Score	12	45	552	553	555
aReading	Scale Score	12	46	553	554	555
aReading	Scale Score	12	47	553	554	555
aReading	Scale Score	12	48	554	555	556
aReading	Scale Score	12	49	554	555	557
aReading	Scale Score	12	50	555	556	557
aReading	Scale Score	12	51	556	557	558
aReading	Scale Score	12	52	556	557	559
aReading	Scale Score	12	53	557	558	559
aReading	Scale Score	12	54	557	558	559
aReading	Scale Score	12	55	558	559	560
aReading	Scale Score	12	56	558	559	561
aReading	Scale Score	12	57	559	560	561
aReading	Scale Score	12	58	559	560	561
aReading	Scale Score	12	59	559	560	562
aReading	Scale Score	12	60	560	561	563
aReading	Scale Score	12	61	560	562	563
aReading	Scale Score	12	62	561	562	564
aReading	Scale Score	12	63	562	563	564
aReading	Scale Score	12	64	562	563	564
aReading	Scale Score	12	65	562	564	565
aReading	Scale Score	12	66	563	564	566
aReading	Scale Score	12	67	563	565	566
aReading	Scale Score	12	68	564	565	566
aReading	Scale Score	12	69	565	566	567
aReading	Scale Score	12	70	565	566	567
aReading	Scale Score	12	71	565	566	568
aReading	Scale Score	12	72	566	567	568
aReading	Scale Score	12	73	566	568	569
aReading	Scale Score	12	74	567	568	569
aReading	Scale Score	12	75	568	569	570
aReading	Scale Score	12	76	568	569	571
aReading	Scale Score	12	77	568	570	571
aReading	Scale Score	12	78	569	571	572
aReading	Scale Score	12	79	570	571	572
aReading	Scale Score	12	80	570	571	573
aReading	Scale Score	12	81	571	572	573
aReading	Scale Score	12	82	571	572	574
aReading	Scale Score	12	83	571	573	574
aReading	Scale Score	12	84	572	574	575

Table 13: Grade 12 Percentiles for aReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aReading	Scale Score	12	85	573	575	576
aReading	Scale Score	12	86	574	575	576
aReading	Scale Score	12	87	574	575	577
aReading	Scale Score	12	88	576	577	578
aReading	Scale Score	12	89	576	577	579
aReading	Scale Score	12	90	577	579	580
aReading	Scale Score	12	91	579	580	581
aReading	Scale Score	12	92	580	581	582
aReading	Scale Score	12	93	581	582	583
aReading	Scale Score	12	94	582	583	584
aReading	Scale Score	12	95	584	585	586
aReading	Scale Score	12	96	586	587	588
aReading	Scale Score	12	97	589	590	591
aReading	Scale Score	12	98	591	593	594
aReading	Scale Score	12	99	596	597	599

Table 14: Grade 1 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	1	1	0	1	4
CBMreading	WRCPM	1	2	1	3	7
CBMreading	WRCPM	1	3	1	5	9
CBMreading	WRCPM	1	4	2	6	11
CBMreading	WRCPM	1	5	2	7	13
CBMreading	WRCPM	1	6	3	8	15
CBMreading	WRCPM	1	7	3	9	17
CBMreading	WRCPM	1	8	4	10	18
CBMreading	WRCPM	1	9	4	11	20
CBMreading	WRCPM	1	10	4	12	22
CBMreading	WRCPM	1	11	5	13	24
CBMreading	WRCPM	1	12	5	14	25
CBMreading	WRCPM	1	13	6	14	27
CBMreading	WRCPM	1	14	6	15	29
CBMreading	WRCPM	1	15	6	16	30
CBMreading	WRCPM	1	16	6	17	31
CBMreading	WRCPM	1	17	7	17	33
CBMreading	WRCPM	1	18	7	18	35
CBMreading	WRCPM	1	19	7	19	36
CBMreading	WRCPM	1	20	8	20	38
CBMreading	WRCPM	1	21	8	20	39
CBMreading	WRCPM	1	22	8	21	41
CBMreading	WRCPM	1	23	8	22	42
CBMreading	WRCPM	1	24	9	23	44
CBMreading	WRCPM	1	25	9	24	45
CBMreading	WRCPM	1	26	9	24	47
CBMreading	WRCPM	1	27	10	25	48
CBMreading	WRCPM	1	28	10	26	50
CBMreading	WRCPM	1	29	10	27	51
CBMreading	WRCPM	1	30	10	27	53
CBMreading	WRCPM	1	31	11	28	54
CBMreading	WRCPM	1	32	11	29	56
CBMreading	WRCPM	1	33	11	30	57
CBMreading	WRCPM	1	34	12	31	59
CBMreading	WRCPM	1	35	12	32	60
CBMreading	WRCPM	1	36	12	33	61
CBMreading	WRCPM	1	37	13	34	63
CBMreading	WRCPM	1	38	13	35	64
CBMreading	WRCPM	1	39	13	36	65
CBMreading	WRCPM	1	40	14	37	66
CBMreading	WRCPM	1	41	14	38	67
CBMreading	WRCPM	1	42	15	39	68

Table 14: Grade 1 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	1	43	15	40	69
CBMreading	WRCPM	1	44	16	41	70
CBMreading	WRCPM	1	45	16	41	71
CBMreading	WRCPM	1	46	17	43	72
CBMreading	WRCPM	1	47	18	44	73
CBMreading	WRCPM	1	48	19	45	74
CBMreading	WRCPM	1	49	19	46	75
CBMreading	WRCPM	1	50	20	48	76
CBMreading	WRCPM	1	51	20	49	77
CBMreading	WRCPM	1	52	21	51	78
CBMreading	WRCPM	1	53	22	52	79
CBMreading	WRCPM	1	54	22	54	80
CBMreading	WRCPM	1	55	23	55	81
CBMreading	WRCPM	1	56	24	57	82
CBMreading	WRCPM	1	57	25	58	83
CBMreading	WRCPM	1	58	26	60	84
CBMreading	WRCPM	1	59	27	61	84
CBMreading	WRCPM	1	60	28	62	85
CBMreading	WRCPM	1	61	29	63	86
CBMreading	WRCPM	1	62	30	64	88
CBMreading	WRCPM	1	63	31	65	89
CBMreading	WRCPM	1	64	33	67	90
CBMreading	WRCPM	1	65	34	68	91
CBMreading	WRCPM	1	66	36	69	92
CBMreading	WRCPM	1	67	37	70	93
CBMreading	WRCPM	1	68	39	72	94
CBMreading	WRCPM	1	69	41	73	95
CBMreading	WRCPM	1	70	42	74	97
CBMreading	WRCPM	1	71	44	76	98
CBMreading	WRCPM	1	72	46	77	99
CBMreading	WRCPM	1	73	48	78	101
CBMreading	WRCPM	1	74	51	80	102
CBMreading	WRCPM	1	75	53	81	104
CBMreading	WRCPM	1	76	55	82	105
CBMreading	WRCPM	1	77	57	84	107
CBMreading	WRCPM	1	78	59	85	108
CBMreading	WRCPM	1	79	61	86	110
CBMreading	WRCPM	1	80	63	88	112
CBMreading	WRCPM	1	81	65	90	113
CBMreading	WRCPM	1	82	67	91	115
CBMreading	WRCPM	1	83	70	93	117
CBMreading	WRCPM	1	84	72	95	119

Table 14: Grade 1 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	1	85	73	97	121
CBMreading	WRCPM	1	86	76	99	124
CBMreading	WRCPM	1	87	78	101	126
CBMreading	WRCPM	1	88	81	104	128
CBMreading	WRCPM	1	89	83	107	131
CBMreading	WRCPM	1	90	86	110	133
CBMreading	WRCPM	1	91	90	113	137
CBMreading	WRCPM	1	92	93	115	141
CBMreading	WRCPM	1	93	97	119	143
CBMreading	WRCPM	1	94	102	124	147
CBMreading	WRCPM	1	95	108	128	151
CBMreading	WRCPM	1	96	114	133	157
CBMreading	WRCPM	1	97	124	140	161
CBMreading	WRCPM	1	98	136	147	170
CBMreading	WRCPM	1	99	152	159	184

Table 15: Grade 2 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	2	1	3	6	10
CBMreading	WRCPM	2	2	5	9	15
CBMreading	WRCPM	2	3	6	13	20
CBMreading	WRCPM	2	4	8	15	25
CBMreading	WRCPM	2	5	9	18	29
CBMreading	WRCPM	2	6	10	20	34
CBMreading	WRCPM	2	7	11	23	39
CBMreading	WRCPM	2	8	13	27	45
CBMreading	WRCPM	2	9	14	30	49
CBMreading	WRCPM	2	10	15	33	53
CBMreading	WRCPM	2	11	16	36	56
CBMreading	WRCPM	2	12	18	38	59
CBMreading	WRCPM	2	13	19	41	61
CBMreading	WRCPM	2	14	20	44	64
CBMreading	WRCPM	2	15	22	46	66
CBMreading	WRCPM	2	16	23	48	67
CBMreading	WRCPM	2	17	24	51	69
CBMreading	WRCPM	2	18	26	53	71
CBMreading	WRCPM	2	19	28	55	73
CBMreading	WRCPM	2	20	29	57	75
CBMreading	WRCPM	2	21	30	59	77
CBMreading	WRCPM	2	22	32	61	79
CBMreading	WRCPM	2	23	33	63	80
CBMreading	WRCPM	2	24	34	64	82
CBMreading	WRCPM	2	25	36	66	83
CBMreading	WRCPM	2	26	37	67	85
CBMreading	WRCPM	2	27	38	68	86
CBMreading	WRCPM	2	28	40	69	87
CBMreading	WRCPM	2	29	41	70	88
CBMreading	WRCPM	2	30	43	72	89
CBMreading	WRCPM	2	31	44	73	90
CBMreading	WRCPM	2	32	46	74	92
CBMreading	WRCPM	2	33	47	76	93
CBMreading	WRCPM	2	34	48	77	94
CBMreading	WRCPM	2	35	50	78	96
CBMreading	WRCPM	2	36	51	79	97
CBMreading	WRCPM	2	37	52	80	98
CBMreading	WRCPM	2	38	53	81	99
CBMreading	WRCPM	2	39	55	82	100
CBMreading	WRCPM	2	40	56	84	101
CBMreading	WRCPM	2	41	57	85	102
CBMreading	WRCPM	2	42	58	86	104

Table 15: Grade 2 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	2	43	59	86	105
CBMreading	WRCPM	2	44	60	87	106
CBMreading	WRCPM	2	45	61	88	107
CBMreading	WRCPM	2	46	62	89	108
CBMreading	WRCPM	2	47	63	90	109
CBMreading	WRCPM	2	48	64	91	110
CBMreading	WRCPM	2	49	65	92	111
CBMreading	WRCPM	2	50	66	93	112
CBMreading	WRCPM	2	51	67	94	113
CBMreading	WRCPM	2	52	68	95	114
CBMreading	WRCPM	2	53	68	96	115
CBMreading	WRCPM	2	54	69	97	115
CBMreading	WRCPM	2	55	70	98	116
CBMreading	WRCPM	2	56	71	99	117
CBMreading	WRCPM	2	57	72	100	118
CBMreading	WRCPM	2	58	74	101	119
CBMreading	WRCPM	2	59	75	102	120
CBMreading	WRCPM	2	60	76	103	121
CBMreading	WRCPM	2	61	77	104	122
CBMreading	WRCPM	2	62	78	105	123
CBMreading	WRCPM	2	63	80	107	124
CBMreading	WRCPM	2	64	81	107	125
CBMreading	WRCPM	2	65	82	108	126
CBMreading	WRCPM	2	66	83	109	127
CBMreading	WRCPM	2	67	84	111	128
CBMreading	WRCPM	2	68	85	112	128
CBMreading	WRCPM	2	69	86	113	130
CBMreading	WRCPM	2	70	87	114	131
CBMreading	WRCPM	2	71	88	116	132
CBMreading	WRCPM	2	72	89	117	133
CBMreading	WRCPM	2	73	91	118	134
CBMreading	WRCPM	2	74	92	119	135
CBMreading	WRCPM	2	75	94	121	136
CBMreading	WRCPM	2	76	95	122	137
CBMreading	WRCPM	2	77	97	124	139
CBMreading	WRCPM	2	78	99	125	140
CBMreading	WRCPM	2	79	100	126	141
CBMreading	WRCPM	2	80	102	128	143
CBMreading	WRCPM	2	81	103	129	144
CBMreading	WRCPM	2	82	105	131	146
CBMreading	WRCPM	2	83	107	133	147
CBMreading	WRCPM	2	84	109	134	149

Table 15: Grade 2 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	2	85	111	136	150
CBMreading	WRCPM	2	86	113	137	152
CBMreading	WRCPM	2	87	115	139	154
CBMreading	WRCPM	2	88	117	141	156
CBMreading	WRCPM	2	89	119	142	158
CBMreading	WRCPM	2	90	122	145	161
CBMreading	WRCPM	2	91	124	147	163
CBMreading	WRCPM	2	92	127	150	167
CBMreading	WRCPM	2	93	129	152	170
CBMreading	WRCPM	2	94	133	156	174
CBMreading	WRCPM	2	95	137	161	179
CBMreading	WRCPM	2	96	142	166	183
CBMreading	WRCPM	2	97	148	171	189
CBMreading	WRCPM	2	98	156	178	196
CBMreading	WRCPM	2	99	169	186	206

Table 16: Grade 3 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	3	1	8	14	19
CBMreading	WRCPM	3	2	13	21	27
CBMreading	WRCPM	3	3	17	25	33
CBMreading	WRCPM	3	4	20	31	41
CBMreading	WRCPM	3	5	22	35	49
CBMreading	WRCPM	3	6	25	40	55
CBMreading	WRCPM	3	7	28	46	61
CBMreading	WRCPM	3	8	31	51	66
CBMreading	WRCPM	3	9	34	55	71
CBMreading	WRCPM	3	10	37	59	75
CBMreading	WRCPM	3	11	39	62	78
CBMreading	WRCPM	3	12	43	66	81
CBMreading	WRCPM	3	13	46	69	84
CBMreading	WRCPM	3	14	49	72	87
CBMreading	WRCPM	3	15	51	75	90
CBMreading	WRCPM	3	16	53	77	92
CBMreading	WRCPM	3	17	55	79	94
CBMreading	WRCPM	3	18	56	81	96
CBMreading	WRCPM	3	19	58	83	97
CBMreading	WRCPM	3	20	60	85	99
CBMreading	WRCPM	3	21	62	87	101
CBMreading	WRCPM	3	22	64	88	102
CBMreading	WRCPM	3	23	65	90	103
CBMreading	WRCPM	3	24	67	91	105
CBMreading	WRCPM	3	25	68	93	106
CBMreading	WRCPM	3	26	70	94	108
CBMreading	WRCPM	3	27	71	95	109
CBMreading	WRCPM	3	28	73	96	111
CBMreading	WRCPM	3	29	74	98	112
CBMreading	WRCPM	3	30	76	99	113
CBMreading	WRCPM	3	31	77	100	114
CBMreading	WRCPM	3	32	78	101	116
CBMreading	WRCPM	3	33	79	102	117
CBMreading	WRCPM	3	34	80	103	118
CBMreading	WRCPM	3	35	81	104	119
CBMreading	WRCPM	3	36	83	106	121
CBMreading	WRCPM	3	37	84	107	122
CBMreading	WRCPM	3	38	85	108	123
CBMreading	WRCPM	3	39	86	109	124
CBMreading	WRCPM	3	40	87	110	125
CBMreading	WRCPM	3	41	88	111	127
CBMreading	WRCPM	3	42	89	112	128

Table 16: Grade 3 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	3	43	90	113	129
CBMreading	WRCPM	3	44	91	114	130
CBMreading	WRCPM	3	45	92	115	131
CBMreading	WRCPM	3	46	93	116	131
CBMreading	WRCPM	3	47	94	117	132
CBMreading	WRCPM	3	48	95	118	133
CBMreading	WRCPM	3	49	96	119	133
CBMreading	WRCPM	3	50	97	120	134
CBMreading	WRCPM	3	51	98	121	135
CBMreading	WRCPM	3	52	98	122	136
CBMreading	WRCPM	3	53	99	122	136
CBMreading	WRCPM	3	54	100	123	137
CBMreading	WRCPM	3	55	101	124	138
CBMreading	WRCPM	3	56	102	125	139
CBMreading	WRCPM	3	57	103	126	140
CBMreading	WRCPM	3	58	105	127	141
CBMreading	WRCPM	3	59	106	128	141
CBMreading	WRCPM	3	60	107	129	142
CBMreading	WRCPM	3	61	108	130	143
CBMreading	WRCPM	3	62	109	131	144
CBMreading	WRCPM	3	63	110	131	145
CBMreading	WRCPM	3	64	111	132	146
CBMreading	WRCPM	3	65	112	133	147
CBMreading	WRCPM	3	66	113	134	148
CBMreading	WRCPM	3	67	114	135	149
CBMreading	WRCPM	3	68	115	136	150
CBMreading	WRCPM	3	69	116	137	151
CBMreading	WRCPM	3	70	117	138	151
CBMreading	WRCPM	3	71	119	139	153
CBMreading	WRCPM	3	72	120	140	154
CBMreading	WRCPM	3	73	121	140	155
CBMreading	WRCPM	3	74	123	142	156
CBMreading	WRCPM	3	75	124	143	157
CBMreading	WRCPM	3	76	126	144	158
CBMreading	WRCPM	3	77	127	145	159
CBMreading	WRCPM	3	78	128	147	161
CBMreading	WRCPM	3	79	129	148	162
CBMreading	WRCPM	3	80	130	149	164
CBMreading	WRCPM	3	81	132	150	165
CBMreading	WRCPM	3	82	133	151	166
CBMreading	WRCPM	3	83	134	153	167
CBMreading	WRCPM	3	84	136	154	169

Table 16: Grade 3 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	3	85	137	156	170
CBMreading	WRCPM	3	86	139	158	172
CBMreading	WRCPM	3	87	140	160	174
CBMreading	WRCPM	3	88	142	162	176
CBMreading	WRCPM	3	89	144	164	178
CBMreading	WRCPM	3	90	147	166	180
CBMreading	WRCPM	3	91	149	168	183
CBMreading	WRCPM	3	92	151	170	185
CBMreading	WRCPM	3	93	154	173	188
CBMreading	WRCPM	3	94	157	176	191
CBMreading	WRCPM	3	95	161	180	195
CBMreading	WRCPM	3	96	165	185	199
CBMreading	WRCPM	3	97	171	190	204
CBMreading	WRCPM	3	98	179	198	214
CBMreading	WRCPM	3	99	191	212	227

Table 17: Grade 4 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	4	1	16	26	31
CBMreading	WRCPM	4	2	28	42	53
CBMreading	WRCPM	4	3	37	53	66
CBMreading	WRCPM	4	4	45	62	75
CBMreading	WRCPM	4	5	51	70	82
CBMreading	WRCPM	4	6	57	76	87
CBMreading	WRCPM	4	7	62	80	91
CBMreading	WRCPM	4	8	66	84	95
CBMreading	WRCPM	4	9	70	87	99
CBMreading	WRCPM	4	10	73	90	102
CBMreading	WRCPM	4	11	76	93	104
CBMreading	WRCPM	4	12	78	95	107
CBMreading	WRCPM	4	13	80	97	109
CBMreading	WRCPM	4	14	82	99	111
CBMreading	WRCPM	4	15	84	101	113
CBMreading	WRCPM	4	16	85	103	115
CBMreading	WRCPM	4	17	87	105	117
CBMreading	WRCPM	4	18	89	106	118
CBMreading	WRCPM	4	19	90	108	120
CBMreading	WRCPM	4	20	92	109	122
CBMreading	WRCPM	4	21	93	111	124
CBMreading	WRCPM	4	22	94	112	126
CBMreading	WRCPM	4	23	95	113	127
CBMreading	WRCPM	4	24	96	114	129
CBMreading	WRCPM	4	25	98	116	130
CBMreading	WRCPM	4	26	99	117	132
CBMreading	WRCPM	4	27	100	118	133
CBMreading	WRCPM	4	28	102	119	134
CBMreading	WRCPM	4	29	103	120	135
CBMreading	WRCPM	4	30	104	122	136
CBMreading	WRCPM	4	31	105	123	138
CBMreading	WRCPM	4	32	107	124	139
CBMreading	WRCPM	4	33	108	126	140
CBMreading	WRCPM	4	34	109	127	141
CBMreading	WRCPM	4	35	110	128	142
CBMreading	WRCPM	4	36	111	129	143
CBMreading	WRCPM	4	37	112	130	144
CBMreading	WRCPM	4	38	113	131	145
CBMreading	WRCPM	4	39	114	132	146
CBMreading	WRCPM	4	40	115	133	147
CBMreading	WRCPM	4	41	116	134	148
CBMreading	WRCPM	4	42	117	135	149

Table 17: Grade 4 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	4	43	118	136	150
CBMreading	WRCPM	4	44	118	137	151
CBMreading	WRCPM	4	45	119	138	152
CBMreading	WRCPM	4	46	120	139	153
CBMreading	WRCPM	4	47	121	139	154
CBMreading	WRCPM	4	48	122	141	155
CBMreading	WRCPM	4	49	124	141	155
CBMreading	WRCPM	4	50	125	142	156
CBMreading	WRCPM	4	51	126	143	157
CBMreading	WRCPM	4	52	127	144	158
CBMreading	WRCPM	4	53	128	144	159
CBMreading	WRCPM	4	54	128	145	160
CBMreading	WRCPM	4	55	129	146	161
CBMreading	WRCPM	4	56	130	147	162
CBMreading	WRCPM	4	57	131	148	163
CBMreading	WRCPM	4	58	132	149	164
CBMreading	WRCPM	4	59	133	150	164
CBMreading	WRCPM	4	60	134	151	166
CBMreading	WRCPM	4	61	135	152	166
CBMreading	WRCPM	4	62	136	153	167
CBMreading	WRCPM	4	63	137	154	168
CBMreading	WRCPM	4	64	138	155	169
CBMreading	WRCPM	4	65	139	156	170
CBMreading	WRCPM	4	66	140	157	171
CBMreading	WRCPM	4	67	141	158	172
CBMreading	WRCPM	4	68	142	159	173
CBMreading	WRCPM	4	69	143	160	174
CBMreading	WRCPM	4	70	144	161	175
CBMreading	WRCPM	4	71	146	162	176
CBMreading	WRCPM	4	72	147	163	177
CBMreading	WRCPM	4	73	148	164	178
CBMreading	WRCPM	4	74	150	165	179
CBMreading	WRCPM	4	75	151	166	180
CBMreading	WRCPM	4	76	152	167	181
CBMreading	WRCPM	4	77	153	168	182
CBMreading	WRCPM	4	78	154	170	184
CBMreading	WRCPM	4	79	155	171	185
CBMreading	WRCPM	4	80	157	172	187
CBMreading	WRCPM	4	81	158	173	189
CBMreading	WRCPM	4	82	160	175	190
CBMreading	WRCPM	4	83	162	177	192
CBMreading	WRCPM	4	84	163	179	193

Table 17: Grade 4 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	4	85	165	180	195
CBMreading	WRCPM	4	86	167	181	197
CBMreading	WRCPM	4	87	169	183	198
CBMreading	WRCPM	4	88	171	186	200
CBMreading	WRCPM	4	89	172	188	202
CBMreading	WRCPM	4	90	174	190	204
CBMreading	WRCPM	4	91	176	192	206
CBMreading	WRCPM	4	92	178	194	209
CBMreading	WRCPM	4	93	180	197	212
CBMreading	WRCPM	4	94	183	200	214
CBMreading	WRCPM	4	95	187	204	217
CBMreading	WRCPM	4	96	191	208	222
CBMreading	WRCPM	4	97	198	213	227
CBMreading	WRCPM	4	98	205	219	235
CBMreading	WRCPM	4	99	215	229	246

Table 18: Grade 5 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	5	1	32	41	52
CBMreading	WRCPM	5	2	47	57	69
CBMreading	WRCPM	5	3	55	69	82
CBMreading	WRCPM	5	4	62	78	88
CBMreading	WRCPM	5	5	69	84	94
CBMreading	WRCPM	5	6	75	89	99
CBMreading	WRCPM	5	7	80	94	104
CBMreading	WRCPM	5	8	83	98	108
CBMreading	WRCPM	5	9	87	101	111
CBMreading	WRCPM	5	10	89	104	115
CBMreading	WRCPM	5	11	92	106	118
CBMreading	WRCPM	5	12	94	108	120
CBMreading	WRCPM	5	13	96	110	122
CBMreading	WRCPM	5	14	98	112	124
CBMreading	WRCPM	5	15	100	114	127
CBMreading	WRCPM	5	16	102	116	129
CBMreading	WRCPM	5	17	103	118	131
CBMreading	WRCPM	5	18	105	119	133
CBMreading	WRCPM	5	19	106	121	135
CBMreading	WRCPM	5	20	108	123	136
CBMreading	WRCPM	5	21	109	124	138
CBMreading	WRCPM	5	22	111	126	139
CBMreading	WRCPM	5	23	112	127	141
CBMreading	WRCPM	5	24	113	128	142
CBMreading	WRCPM	5	25	115	130	144
CBMreading	WRCPM	5	26	116	132	145
CBMreading	WRCPM	5	27	117	133	147
CBMreading	WRCPM	5	28	118	134	148
CBMreading	WRCPM	5	29	119	136	150
CBMreading	WRCPM	5	30	120	138	151
CBMreading	WRCPM	5	31	121	139	152
CBMreading	WRCPM	5	32	122	140	153
CBMreading	WRCPM	5	33	124	141	154
CBMreading	WRCPM	5	34	125	142	156
CBMreading	WRCPM	5	35	127	143	157
CBMreading	WRCPM	5	36	128	145	158
CBMreading	WRCPM	5	37	129	146	159
CBMreading	WRCPM	5	38	130	147	161
CBMreading	WRCPM	5	39	131	148	162
CBMreading	WRCPM	5	40	132	149	163
CBMreading	WRCPM	5	41	133	151	163
CBMreading	WRCPM	5	42	134	151	164

Table 18: Grade 5 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	5	43	135	152	165
CBMreading	WRCPM	5	44	136	153	166
CBMreading	WRCPM	5	45	137	154	167
CBMreading	WRCPM	5	46	138	155	168
CBMreading	WRCPM	5	47	139	156	169
CBMreading	WRCPM	5	48	140	157	170
CBMreading	WRCPM	5	49	141	157	171
CBMreading	WRCPM	5	50	142	158	172
CBMreading	WRCPM	5	51	143	159	173
CBMreading	WRCPM	5	52	144	160	174
CBMreading	WRCPM	5	53	145	161	175
CBMreading	WRCPM	5	54	146	162	176
CBMreading	WRCPM	5	55	147	163	177
CBMreading	WRCPM	5	56	148	163	178
CBMreading	WRCPM	5	57	149	164	179
CBMreading	WRCPM	5	58	151	165	180
CBMreading	WRCPM	5	59	151	166	181
CBMreading	WRCPM	5	60	153	167	182
CBMreading	WRCPM	5	61	153	168	183
CBMreading	WRCPM	5	62	154	169	184
CBMreading	WRCPM	5	63	155	170	185
CBMreading	WRCPM	5	64	156	171	186
CBMreading	WRCPM	5	65	157	172	187
CBMreading	WRCPM	5	66	158	173	188
CBMreading	WRCPM	5	67	159	174	189
CBMreading	WRCPM	5	68	161	175	189
CBMreading	WRCPM	5	69	162	176	190
CBMreading	WRCPM	5	70	163	178	192
CBMreading	WRCPM	5	71	163	179	193
CBMreading	WRCPM	5	72	165	181	194
CBMreading	WRCPM	5	73	166	182	196
CBMreading	WRCPM	5	74	167	183	197
CBMreading	WRCPM	5	75	168	185	198
CBMreading	WRCPM	5	76	169	186	199
CBMreading	WRCPM	5	77	170	187	201
CBMreading	WRCPM	5	78	171	188	202
CBMreading	WRCPM	5	79	172	189	204
CBMreading	WRCPM	5	80	174	190	206
CBMreading	WRCPM	5	81	175	192	207
CBMreading	WRCPM	5	82	177	194	209
CBMreading	WRCPM	5	83	179	196	211
CBMreading	WRCPM	5	84	181	197	213

Table 18: Grade 5 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	5	85	183	199	215
CBMreading	WRCPM	5	86	185	201	217
CBMreading	WRCPM	5	87	186	203	219
CBMreading	WRCPM	5	88	188	205	220
CBMreading	WRCPM	5	89	190	207	222
CBMreading	WRCPM	5	90	193	209	224
CBMreading	WRCPM	5	91	196	213	226
CBMreading	WRCPM	5	92	198	216	229
CBMreading	WRCPM	5	93	200	219	232
CBMreading	WRCPM	5	94	204	222	236
CBMreading	WRCPM	5	95	207	225	239
CBMreading	WRCPM	5	96	213	229	243
CBMreading	WRCPM	5	97	219	235	247
CBMreading	WRCPM	5	98	224	242	251
CBMreading	WRCPM	5	99	238	249	261

Table 19: Grade 6 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	6	1	32	41	48
CBMreading	WRCPM	6	2	47	61	68
CBMreading	WRCPM	6	3	57	71	84
CBMreading	WRCPM	6	4	67	82	93
CBMreading	WRCPM	6	5	77	90	100
CBMreading	WRCPM	6	6	82	96	105
CBMreading	WRCPM	6	7	86	101	110
CBMreading	WRCPM	6	8	91	105	115
CBMreading	WRCPM	6	9	94	108	119
CBMreading	WRCPM	6	10	96	110	122
CBMreading	WRCPM	6	11	98	113	125
CBMreading	WRCPM	6	12	101	116	128
CBMreading	WRCPM	6	13	103	119	131
CBMreading	WRCPM	6	14	105	121	132
CBMreading	WRCPM	6	15	107	123	134
CBMreading	WRCPM	6	16	109	125	136
CBMreading	WRCPM	6	17	111	127	139
CBMreading	WRCPM	6	18	113	129	141
CBMreading	WRCPM	6	19	115	131	143
CBMreading	WRCPM	6	20	117	133	145
CBMreading	WRCPM	6	21	118	134	147
CBMreading	WRCPM	6	22	120	136	149
CBMreading	WRCPM	6	23	122	137	150
CBMreading	WRCPM	6	24	124	139	152
CBMreading	WRCPM	6	25	125	141	154
CBMreading	WRCPM	6	26	127	142	155
CBMreading	WRCPM	6	27	128	143	157
CBMreading	WRCPM	6	28	129	145	158
CBMreading	WRCPM	6	29	130	146	159
CBMreading	WRCPM	6	30	132	148	160
CBMreading	WRCPM	6	31	133	149	162
CBMreading	WRCPM	6	32	134	150	162
CBMreading	WRCPM	6	33	135	152	164
CBMreading	WRCPM	6	34	137	153	165
CBMreading	WRCPM	6	35	138	154	166
CBMreading	WRCPM	6	36	139	155	167
CBMreading	WRCPM	6	37	140	156	168
CBMreading	WRCPM	6	38	142	157	169
CBMreading	WRCPM	6	39	143	158	170
CBMreading	WRCPM	6	40	144	159	171
CBMreading	WRCPM	6	41	145	160	172
CBMreading	WRCPM	6	42	146	161	173

Table 19: Grade 6 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	6	43	147	162	174
CBMreading	WRCPM	6	44	148	163	174
CBMreading	WRCPM	6	45	149	164	175
CBMreading	WRCPM	6	46	150	165	176
CBMreading	WRCPM	6	47	151	166	177
CBMreading	WRCPM	6	48	152	166	178
CBMreading	WRCPM	6	49	154	167	179
CBMreading	WRCPM	6	50	155	168	180
CBMreading	WRCPM	6	51	156	169	181
CBMreading	WRCPM	6	52	157	170	182
CBMreading	WRCPM	6	53	158	171	183
CBMreading	WRCPM	6	54	159	172	184
CBMreading	WRCPM	6	55	160	172	185
CBMreading	WRCPM	6	56	161	173	186
CBMreading	WRCPM	6	57	161	174	187
CBMreading	WRCPM	6	58	162	175	188
CBMreading	WRCPM	6	59	163	176	189
CBMreading	WRCPM	6	60	164	177	190
CBMreading	WRCPM	6	61	164	178	191
CBMreading	WRCPM	6	62	165	180	192
CBMreading	WRCPM	6	63	166	181	193
CBMreading	WRCPM	6	64	167	182	194
CBMreading	WRCPM	6	65	168	183	195
CBMreading	WRCPM	6	66	169	184	196
CBMreading	WRCPM	6	67	170	184	197
CBMreading	WRCPM	6	68	171	185	198
CBMreading	WRCPM	6	69	172	186	199
CBMreading	WRCPM	6	70	173	188	200
CBMreading	WRCPM	6	71	174	189	202
CBMreading	WRCPM	6	72	175	190	202
CBMreading	WRCPM	6	73	176	192	203
CBMreading	WRCPM	6	74	177	193	204
CBMreading	WRCPM	6	75	179	194	206
CBMreading	WRCPM	6	76	180	196	207
CBMreading	WRCPM	6	77	181	197	208
CBMreading	WRCPM	6	78	182	198	210
CBMreading	WRCPM	6	79	184	199	211
CBMreading	WRCPM	6	80	185	201	212
CBMreading	WRCPM	6	81	187	202	214
CBMreading	WRCPM	6	82	189	203	215
CBMreading	WRCPM	6	83	191	204	217
CBMreading	WRCPM	6	84	193	206	218

Table 19: Grade 6 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	6	85	194	208	220
CBMreading	WRCPM	6	86	196	209	222
CBMreading	WRCPM	6	87	198	212	224
CBMreading	WRCPM	6	88	200	214	226
CBMreading	WRCPM	6	89	202	216	229
CBMreading	WRCPM	6	90	204	219	231
CBMreading	WRCPM	6	91	207	221	234
CBMreading	WRCPM	6	92	209	223	237
CBMreading	WRCPM	6	93	212	227	241
CBMreading	WRCPM	6	94	215	231	243
CBMreading	WRCPM	6	95	217	234	247
CBMreading	WRCPM	6	96	221	239	249
CBMreading	WRCPM	6	97	226	244	255
CBMreading	WRCPM	6	98	234	249	261
CBMreading	WRCPM	6	99	244	260	272

Table 20: Grade 7 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	7	1	57	51	59
CBMreading	WRCPM	7	2	74	79	84
CBMreading	WRCPM	7	3	91	93	99
CBMreading	WRCPM	7	4	99	101	107
CBMreading	WRCPM	7	5	104	111	115
CBMreading	WRCPM	7	6	109	116	124
CBMreading	WRCPM	7	7	112	121	127
CBMreading	WRCPM	7	8	116	124	131
CBMreading	WRCPM	7	9	120	126	135
CBMreading	WRCPM	7	10	123	130	137
CBMreading	WRCPM	7	11	125	132	140
CBMreading	WRCPM	7	12	127	136	144
CBMreading	WRCPM	7	13	129	137	147
CBMreading	WRCPM	7	14	131	139	148
CBMreading	WRCPM	7	15	132	141	152
CBMreading	WRCPM	7	16	134	142	153
CBMreading	WRCPM	7	17	136	145	155
CBMreading	WRCPM	7	18	137	146	157
CBMreading	WRCPM	7	19	138	147	160
CBMreading	WRCPM	7	20	139	148	161
CBMreading	WRCPM	7	21	141	150	162
CBMreading	WRCPM	7	22	142	152	163
CBMreading	WRCPM	7	23	144	153	165
CBMreading	WRCPM	7	24	145	155	167
CBMreading	WRCPM	7	25	147	157	168
CBMreading	WRCPM	7	26	147	158	169
CBMreading	WRCPM	7	27	149	160	171
CBMreading	WRCPM	7	28	151	161	173
CBMreading	WRCPM	7	29	152	162	174
CBMreading	WRCPM	7	30	154	163	175
CBMreading	WRCPM	7	31	156	164	177
CBMreading	WRCPM	7	32	157	165	178
CBMreading	WRCPM	7	33	159	166	180
CBMreading	WRCPM	7	34	160	167	181
CBMreading	WRCPM	7	35	161	169	182
CBMreading	WRCPM	7	36	162	171	183
CBMreading	WRCPM	7	37	163	173	184
CBMreading	WRCPM	7	38	164	174	185
CBMreading	WRCPM	7	39	165	175	186
CBMreading	WRCPM	7	40	166	177	187
CBMreading	WRCPM	7	41	167	178	188
CBMreading	WRCPM	7	42	168	178	189

Table 20: Grade 7 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	7	43	169	180	190
CBMreading	WRCPM	7	44	170	181	190
CBMreading	WRCPM	7	45	171	182	192
CBMreading	WRCPM	7	46	173	182	193
CBMreading	WRCPM	7	47	174	183	194
CBMreading	WRCPM	7	48	174	184	196
CBMreading	WRCPM	7	49	175	185	197
CBMreading	WRCPM	7	50	176	185	198
CBMreading	WRCPM	7	51	177	186	199
CBMreading	WRCPM	7	52	178	187	200
CBMreading	WRCPM	7	53	179	188	201
CBMreading	WRCPM	7	54	180	189	202
CBMreading	WRCPM	7	55	181	190	203
CBMreading	WRCPM	7	56	182	191	204
CBMreading	WRCPM	7	57	183	193	204
CBMreading	WRCPM	7	58	183	195	205
CBMreading	WRCPM	7	59	184	196	206
CBMreading	WRCPM	7	60	185	197	207
CBMreading	WRCPM	7	61	186	197	208
CBMreading	WRCPM	7	62	186	198	209
CBMreading	WRCPM	7	63	187	200	211
CBMreading	WRCPM	7	64	188	201	212
CBMreading	WRCPM	7	65	189	202	213
CBMreading	WRCPM	7	66	189	203	213
CBMreading	WRCPM	7	67	191	204	214
CBMreading	WRCPM	7	68	192	204	216
CBMreading	WRCPM	7	69	193	204	216
CBMreading	WRCPM	7	70	195	205	217
CBMreading	WRCPM	7	71	196	206	219
CBMreading	WRCPM	7	72	197	207	220
CBMreading	WRCPM	7	73	198	208	221
CBMreading	WRCPM	7	74	199	210	223
CBMreading	WRCPM	7	75	201	211	224
CBMreading	WRCPM	7	76	201	212	226
CBMreading	WRCPM	7	77	203	213	226
CBMreading	WRCPM	7	78	203	214	227
CBMreading	WRCPM	7	79	204	215	228
CBMreading	WRCPM	7	80	205	216	228
CBMreading	WRCPM	7	81	206	216	230
CBMreading	WRCPM	7	82	207	218	231
CBMreading	WRCPM	7	83	208	219	233
CBMreading	WRCPM	7	84	210	220	234

Table 20: Grade 7 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	7	85	212	222	235
CBMreading	WRCPM	7	86	214	223	235
CBMreading	WRCPM	7	87	216	225	237
CBMreading	WRCPM	7	88	217	226	238
CBMreading	WRCPM	7	89	219	228	239
CBMreading	WRCPM	7	90	221	229	241
CBMreading	WRCPM	7	91	223	231	242
CBMreading	WRCPM	7	92	226	233	246
CBMreading	WRCPM	7	93	228	235	248
CBMreading	WRCPM	7	94	232	237	250
CBMreading	WRCPM	7	95	235	240	255
CBMreading	WRCPM	7	96	238	243	261
CBMreading	WRCPM	7	97	243	248	269
CBMreading	WRCPM	7	98	249	254	276
CBMreading	WRCPM	7	99	259	265	285

Table 21: Grade 8 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	8	1	46	28	63
CBMreading	WRCPM	8	2	67	52	85
CBMreading	WRCPM	8	3	74	62	104
CBMreading	WRCPM	8	4	86	78	110
CBMreading	WRCPM	8	5	91	85	115
CBMreading	WRCPM	8	6	95	94	122
CBMreading	WRCPM	8	7	99	99	126
CBMreading	WRCPM	8	8	102	104	130
CBMreading	WRCPM	8	9	109	107	133
CBMreading	WRCPM	8	10	111	110	135
CBMreading	WRCPM	8	11	114	113	138
CBMreading	WRCPM	8	12	117	118	140
CBMreading	WRCPM	8	13	118	121	143
CBMreading	WRCPM	8	14	120	123	145
CBMreading	WRCPM	8	15	123	125	147
CBMreading	WRCPM	8	16	125	128	149
CBMreading	WRCPM	8	17	126	131	151
CBMreading	WRCPM	8	18	127	131	152
CBMreading	WRCPM	8	19	129	134	153
CBMreading	WRCPM	8	20	131	136	155
CBMreading	WRCPM	8	21	133	137	157
CBMreading	WRCPM	8	22	134	139	158
CBMreading	WRCPM	8	23	135	140	159
CBMreading	WRCPM	8	24	137	142	160
CBMreading	WRCPM	8	25	138	143	161
CBMreading	WRCPM	8	26	140	143	163
CBMreading	WRCPM	8	27	142	145	164
CBMreading	WRCPM	8	28	144	147	166
CBMreading	WRCPM	8	29	145	148	167
CBMreading	WRCPM	8	30	146	149	168
CBMreading	WRCPM	8	31	147	150	171
CBMreading	WRCPM	8	32	148	152	172
CBMreading	WRCPM	8	33	149	153	172
CBMreading	WRCPM	8	34	150	154	173
CBMreading	WRCPM	8	35	151	155	175
CBMreading	WRCPM	8	36	152	156	175
CBMreading	WRCPM	8	37	153	157	176
CBMreading	WRCPM	8	38	153	158	176
CBMreading	WRCPM	8	39	154	159	177
CBMreading	WRCPM	8	40	155	161	177
CBMreading	WRCPM	8	41	156	162	179
CBMreading	WRCPM	8	42	156	164	180

Table 21: Grade 8 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	8	43	157	165	181
CBMreading	WRCPM	8	44	158	166	182
CBMreading	WRCPM	8	45	159	166	184
CBMreading	WRCPM	8	46	161	167	184
CBMreading	WRCPM	8	47	161	168	185
CBMreading	WRCPM	8	48	163	169	186
CBMreading	WRCPM	8	49	164	169	187
CBMreading	WRCPM	8	50	165	170	188
CBMreading	WRCPM	8	51	166	171	189
CBMreading	WRCPM	8	52	166	172	189
CBMreading	WRCPM	8	53	167	173	190
CBMreading	WRCPM	8	54	168	174	190
CBMreading	WRCPM	8	55	169	175	191
CBMreading	WRCPM	8	56	170	176	193
CBMreading	WRCPM	8	57	171	176	193
CBMreading	WRCPM	8	58	172	177	194
CBMreading	WRCPM	8	59	173	177	195
CBMreading	WRCPM	8	60	174	179	196
CBMreading	WRCPM	8	61	175	181	197
CBMreading	WRCPM	8	62	176	182	197
CBMreading	WRCPM	8	63	177	183	199
CBMreading	WRCPM	8	64	178	185	200
CBMreading	WRCPM	8	65	179	186	201
CBMreading	WRCPM	8	66	181	187	202
CBMreading	WRCPM	8	67	182	188	203
CBMreading	WRCPM	8	68	183	188	203
CBMreading	WRCPM	8	69	185	189	205
CBMreading	WRCPM	8	70	186	190	207
CBMreading	WRCPM	8	71	186	191	208
CBMreading	WRCPM	8	72	187	193	209
CBMreading	WRCPM	8	73	188	193	211
CBMreading	WRCPM	8	74	189	194	211
CBMreading	WRCPM	8	75	190	195	212
CBMreading	WRCPM	8	76	191	196	214
CBMreading	WRCPM	8	77	193	198	215
CBMreading	WRCPM	8	78	194	199	216
CBMreading	WRCPM	8	79	195	201	218
CBMreading	WRCPM	8	80	197	203	220
CBMreading	WRCPM	8	81	199	205	221
CBMreading	WRCPM	8	82	201	207	222
CBMreading	WRCPM	8	83	202	208	224
CBMreading	WRCPM	8	84	204	210	224

Table 21: Grade 8 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	8	85	206	211	226
CBMreading	WRCPM	8	86	207	214	229
CBMreading	WRCPM	8	87	209	215	230
CBMreading	WRCPM	8	88	211	218	231
CBMreading	WRCPM	8	89	213	218	233
CBMreading	WRCPM	8	90	215	219	235
CBMreading	WRCPM	8	91	217	223	237
CBMreading	WRCPM	8	92	219	224	241
CBMreading	WRCPM	8	93	222	229	242
CBMreading	WRCPM	8	94	224	233	245
CBMreading	WRCPM	8	95	227	239	249
CBMreading	WRCPM	8	96	232	242	254
CBMreading	WRCPM	8	97	236	244	257
CBMreading	WRCPM	8	98	245	250	260
CBMreading	WRCPM	8	99	257	260	269

Table 22: Grade 9 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	9	1	46	28	63
CBMreading	WRCPM	9	2	67	52	85
CBMreading	WRCPM	9	3	74	62	104
CBMreading	WRCPM	9	4	86	78	110
CBMreading	WRCPM	9	5	91	85	115
CBMreading	WRCPM	9	6	95	94	122
CBMreading	WRCPM	9	7	99	99	126
CBMreading	WRCPM	9	8	102	104	130
CBMreading	WRCPM	9	9	109	107	133
CBMreading	WRCPM	9	10	111	110	135
CBMreading	WRCPM	9	11	114	113	138
CBMreading	WRCPM	9	12	117	118	140
CBMreading	WRCPM	9	13	118	121	143
CBMreading	WRCPM	9	14	120	123	145
CBMreading	WRCPM	9	15	123	125	147
CBMreading	WRCPM	9	16	125	128	149
CBMreading	WRCPM	9	17	126	131	151
CBMreading	WRCPM	9	18	127	131	152
CBMreading	WRCPM	9	19	129	134	153
CBMreading	WRCPM	9	20	131	136	155
CBMreading	WRCPM	9	21	133	137	157
CBMreading	WRCPM	9	22	134	139	158
CBMreading	WRCPM	9	23	135	140	159
CBMreading	WRCPM	9	24	137	142	160
CBMreading	WRCPM	9	25	138	143	161
CBMreading	WRCPM	9	26	140	143	163
CBMreading	WRCPM	9	27	142	145	164
CBMreading	WRCPM	9	28	144	147	166
CBMreading	WRCPM	9	29	145	148	167
CBMreading	WRCPM	9	30	146	149	168
CBMreading	WRCPM	9	31	147	150	171
CBMreading	WRCPM	9	32	148	152	172
CBMreading	WRCPM	9	33	149	153	172
CBMreading	WRCPM	9	34	150	154	173
CBMreading	WRCPM	9	35	151	155	175
CBMreading	WRCPM	9	36	152	156	175
CBMreading	WRCPM	9	37	153	157	176
CBMreading	WRCPM	9	38	153	158	176
CBMreading	WRCPM	9	39	154	159	177
CBMreading	WRCPM	9	40	155	161	177
CBMreading	WRCPM	9	41	156	162	179
CBMreading	WRCPM	9	42	156	164	180

Table 22: Grade 9 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	9	43	157	165	181
CBMreading	WRCPM	9	44	158	166	182
CBMreading	WRCPM	9	45	159	166	184
CBMreading	WRCPM	9	46	161	167	184
CBMreading	WRCPM	9	47	161	168	185
CBMreading	WRCPM	9	48	163	169	186
CBMreading	WRCPM	9	49	164	169	187
CBMreading	WRCPM	9	50	165	170	188
CBMreading	WRCPM	9	51	166	171	189
CBMreading	WRCPM	9	52	166	172	189
CBMreading	WRCPM	9	53	167	173	190
CBMreading	WRCPM	9	54	168	174	190
CBMreading	WRCPM	9	55	169	175	191
CBMreading	WRCPM	9	56	170	176	193
CBMreading	WRCPM	9	57	171	176	193
CBMreading	WRCPM	9	58	172	177	194
CBMreading	WRCPM	9	59	173	177	195
CBMreading	WRCPM	9	60	174	179	196
CBMreading	WRCPM	9	61	175	181	197
CBMreading	WRCPM	9	62	176	182	197
CBMreading	WRCPM	9	63	177	183	199
CBMreading	WRCPM	9	64	178	185	200
CBMreading	WRCPM	9	65	179	186	201
CBMreading	WRCPM	9	66	181	187	202
CBMreading	WRCPM	9	67	182	188	203
CBMreading	WRCPM	9	68	183	188	203
CBMreading	WRCPM	9	69	185	189	205
CBMreading	WRCPM	9	70	186	190	207
CBMreading	WRCPM	9	71	186	191	208
CBMreading	WRCPM	9	72	187	193	209
CBMreading	WRCPM	9	73	188	193	211
CBMreading	WRCPM	9	74	189	194	211
CBMreading	WRCPM	9	75	190	195	212
CBMreading	WRCPM	9	76	191	196	214
CBMreading	WRCPM	9	77	193	198	215
CBMreading	WRCPM	9	78	194	199	216
CBMreading	WRCPM	9	79	195	201	218
CBMreading	WRCPM	9	80	197	203	220
CBMreading	WRCPM	9	81	199	205	221
CBMreading	WRCPM	9	82	201	207	222
CBMreading	WRCPM	9	83	202	208	224
CBMreading	WRCPM	9	84	204	210	224

Table 22: Grade 9 Percentiles for CBMreading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMreading	WRCPM	9	85	206	211	226
CBMreading	WRCPM	9	86	207	214	229
CBMreading	WRCPM	9	87	209	215	230
CBMreading	WRCPM	9	88	211	218	231
CBMreading	WRCPM	9	89	213	218	233
CBMreading	WRCPM	9	90	215	219	235
CBMreading	WRCPM	9	91	217	223	237
CBMreading	WRCPM	9	92	219	224	241
CBMreading	WRCPM	9	93	222	229	242
CBMreading	WRCPM	9	94	224	233	245
CBMreading	WRCPM	9	95	227	239	249
CBMreading	WRCPM	9	96	232	242	254
CBMreading	WRCPM	9	97	236	244	257
CBMreading	WRCPM	9	98	245	250	260
CBMreading	WRCPM	9	99	257	260	269

Table 23: Grade KG Percentiles for earlyMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
earlyMath	Composite Score	KG	1	6	15	20
earlyMath	Composite Score	KG	2	7	18	27
earlyMath	Composite Score	KG	3	8	21	31
earlyMath	Composite Score	KG	4	9	23	33
earlyMath	Composite Score	KG	5	10	25	36
earlyMath	Composite Score	KG	6	11	27	38
earlyMath	Composite Score	KG	7	12	28	40
earlyMath	Composite Score	KG	8	13	29	42
earlyMath	Composite Score	KG	9	13	30	43
earlyMath	Composite Score	KG	10	14	31	44
earlyMath	Composite Score	KG	11	15	32	46
earlyMath	Composite Score	KG	12	16	33	47
earlyMath	Composite Score	KG	13	16	34	48
earlyMath	Composite Score	KG	14	17	35	49
earlyMath	Composite Score	KG	15	18	36	50
earlyMath	Composite Score	KG	16	19	37	50
earlyMath	Composite Score	KG	17	19	37	51
earlyMath	Composite Score	KG	18	20	38	52
earlyMath	Composite Score	KG	19	20	39	52
earlyMath	Composite Score	KG	20	21	40	53
earlyMath	Composite Score	KG	21	22	40	54
earlyMath	Composite Score	KG	22	22	41	54
earlyMath	Composite Score	KG	23	23	41	55
earlyMath	Composite Score	KG	24	23	42	56
earlyMath	Composite Score	KG	25	24	42	56
earlyMath	Composite Score	KG	26	24	43	57
earlyMath	Composite Score	KG	27	24	43	57
earlyMath	Composite Score	KG	28	25	44	58
earlyMath	Composite Score	KG	29	25	44	59
earlyMath	Composite Score	KG	30	26	45	59
earlyMath	Composite Score	KG	31	26	46	60
earlyMath	Composite Score	KG	32	26	46	60
earlyMath	Composite Score	KG	33	27	47	61
earlyMath	Composite Score	KG	34	27	47	61
earlyMath	Composite Score	KG	35	27	48	62
earlyMath	Composite Score	KG	36	28	48	62
earlyMath	Composite Score	KG	37	28	48	63
earlyMath	Composite Score	KG	38	29	49	63
earlyMath	Composite Score	KG	39	29	49	64
earlyMath	Composite Score	KG	40	29	50	65
earlyMath	Composite Score	KG	41	30	50	65
earlyMath	Composite Score	KG	42	30	51	66

Table 23: Grade KG Percentiles for earlyMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
earlyMath	Composite Score	KG	43	30	51	66
earlyMath	Composite Score	KG	44	31	52	67
earlyMath	Composite Score	KG	45	31	52	67
earlyMath	Composite Score	KG	46	31	53	68
earlyMath	Composite Score	KG	47	32	53	68
earlyMath	Composite Score	KG	48	32	54	69
earlyMath	Composite Score	KG	49	33	54	69
earlyMath	Composite Score	KG	50	33	54	70
earlyMath	Composite Score	KG	51	33	55	70
earlyMath	Composite Score	KG	52	34	55	71
earlyMath	Composite Score	KG	53	34	56	71
earlyMath	Composite Score	KG	54	34	56	72
earlyMath	Composite Score	KG	55	35	57	72
earlyMath	Composite Score	KG	56	35	57	73
earlyMath	Composite Score	KG	57	35	58	73
earlyMath	Composite Score	KG	58	36	58	74
earlyMath	Composite Score	KG	59	36	59	74
earlyMath	Composite Score	KG	60	37	59	75
earlyMath	Composite Score	KG	61	37	60	75
earlyMath	Composite Score	KG	62	37	60	75
earlyMath	Composite Score	KG	63	38	61	76
earlyMath	Composite Score	KG	64	38	61	76
earlyMath	Composite Score	KG	65	38	62	77
earlyMath	Composite Score	KG	66	39	62	77
earlyMath	Composite Score	KG	67	39	63	78
earlyMath	Composite Score	KG	68	39	63	78
earlyMath	Composite Score	KG	69	40	64	78
earlyMath	Composite Score	KG	70	40	65	79
earlyMath	Composite Score	KG	71	41	65	79
earlyMath	Composite Score	KG	72	41	66	80
earlyMath	Composite Score	KG	73	41	66	80
earlyMath	Composite Score	KG	74	42	67	81
earlyMath	Composite Score	KG	75	42	67	81
earlyMath	Composite Score	KG	76	43	68	81
earlyMath	Composite Score	KG	77	43	68	82
earlyMath	Composite Score	KG	78	44	69	82
earlyMath	Composite Score	KG	79	44	69	83
earlyMath	Composite Score	KG	80	45	70	83
earlyMath	Composite Score	KG	81	45	71	84
earlyMath	Composite Score	KG	82	46	71	84
earlyMath	Composite Score	KG	83	46	72	85
earlyMath	Composite Score	KG	84	47	73	85

Table 23: Grade KG Percentiles for earlyMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
earlyMath	Composite Score	KG	85	48	74	86
earlyMath	Composite Score	KG	86	48	74	86
earlyMath	Composite Score	KG	87	49	75	87
earlyMath	Composite Score	KG	88	50	76	87
earlyMath	Composite Score	KG	89	51	77	88
earlyMath	Composite Score	KG	90	52	78	88
earlyMath	Composite Score	KG	91	53	79	89
earlyMath	Composite Score	KG	92	54	80	89
earlyMath	Composite Score	KG	93	55	81	90
earlyMath	Composite Score	KG	94	56	82	91
earlyMath	Composite Score	KG	95	58	83	92
earlyMath	Composite Score	KG	96	60	84	93
earlyMath	Composite Score	KG	97	63	85	94
earlyMath	Composite Score	KG	98	66	87	96
earlyMath	Composite Score	KG	99	70	91	98

Table 24: Grade 1 Percentiles for earlyMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
earlyMath	Composite Score	1	1	0	5	6
earlyMath	Composite Score	1	2	0	9	10
earlyMath	Composite Score	1	3	0	12	15
earlyMath	Composite Score	1	4	0	13	18
earlyMath	Composite Score	1	5	0	15	21
earlyMath	Composite Score	1	6	0	17	23
earlyMath	Composite Score	1	7	0	19	26
earlyMath	Composite Score	1	8	0	20	29
earlyMath	Composite Score	1	9	0	22	31
earlyMath	Composite Score	1	10	0	23	33
earlyMath	Composite Score	1	11	0	24	35
earlyMath	Composite Score	1	12	1	26	37
earlyMath	Composite Score	1	13	2	27	38
earlyMath	Composite Score	1	14	3	28	39
earlyMath	Composite Score	1	15	4	29	41
earlyMath	Composite Score	1	16	6	31	42
earlyMath	Composite Score	1	17	7	32	43
earlyMath	Composite Score	1	18	8	33	44
earlyMath	Composite Score	1	19	9	34	45
earlyMath	Composite Score	1	20	10	35	46
earlyMath	Composite Score	1	21	11	36	47
earlyMath	Composite Score	1	22	12	37	48
earlyMath	Composite Score	1	23	13	37	49
earlyMath	Composite Score	1	24	14	39	50
earlyMath	Composite Score	1	25	15	39	51
earlyMath	Composite Score	1	26	16	40	51
earlyMath	Composite Score	1	27	17	41	52
earlyMath	Composite Score	1	28	18	42	53
earlyMath	Composite Score	1	29	19	43	54
earlyMath	Composite Score	1	30	20	44	54
earlyMath	Composite Score	1	31	21	45	55
earlyMath	Composite Score	1	32	21	45	56
earlyMath	Composite Score	1	33	22	46	56
earlyMath	Composite Score	1	34	23	47	57
earlyMath	Composite Score	1	35	24	48	57
earlyMath	Composite Score	1	36	25	48	58
earlyMath	Composite Score	1	37	26	49	59
earlyMath	Composite Score	1	38	27	50	59
earlyMath	Composite Score	1	39	27	50	59
earlyMath	Composite Score	1	40	28	51	60
earlyMath	Composite Score	1	41	29	52	61
earlyMath	Composite Score	1	42	30	53	61

Table 24: Grade 1 Percentiles for earlyMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
earlyMath	Composite Score	1	43	31	53	62
earlyMath	Composite Score	1	44	32	54	62
earlyMath	Composite Score	1	45	33	54	62
earlyMath	Composite Score	1	46	34	55	63
earlyMath	Composite Score	1	47	35	56	64
earlyMath	Composite Score	1	48	36	56	64
earlyMath	Composite Score	1	49	37	57	64
earlyMath	Composite Score	1	50	38	57	65
earlyMath	Composite Score	1	51	39	58	65
earlyMath	Composite Score	1	52	40	59	66
earlyMath	Composite Score	1	53	40	59	66
earlyMath	Composite Score	1	54	41	60	67
earlyMath	Composite Score	1	55	42	61	67
earlyMath	Composite Score	1	56	43	62	68
earlyMath	Composite Score	1	57	44	62	68
earlyMath	Composite Score	1	58	44	62	69
earlyMath	Composite Score	1	59	45	62	69
earlyMath	Composite Score	1	60	46	63	70
earlyMath	Composite Score	1	61	47	64	70
earlyMath	Composite Score	1	62	48	65	71
earlyMath	Composite Score	1	63	49	65	71
earlyMath	Composite Score	1	64	50	65	72
earlyMath	Composite Score	1	65	51	66	72
earlyMath	Composite Score	1	66	52	67	73
earlyMath	Composite Score	1	67	53	67	73
earlyMath	Composite Score	1	68	54	68	74
earlyMath	Composite Score	1	69	55	69	74
earlyMath	Composite Score	1	70	56	69	75
earlyMath	Composite Score	1	71	57	70	75
earlyMath	Composite Score	1	72	58	70	75
earlyMath	Composite Score	1	73	59	71	76
earlyMath	Composite Score	1	74	60	71	77
earlyMath	Composite Score	1	75	61	72	77
earlyMath	Composite Score	1	76	62	73	77
earlyMath	Composite Score	1	77	64	73	78
earlyMath	Composite Score	1	78	65	74	79
earlyMath	Composite Score	1	79	66	75	79
earlyMath	Composite Score	1	80	67	76	80
earlyMath	Composite Score	1	81	69	77	81
earlyMath	Composite Score	1	82	70	77	81
earlyMath	Composite Score	1	83	72	78	82
earlyMath	Composite Score	1	84	73	79	82

Table 24: Grade 1 Percentiles for earlyMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
earlyMath	Composite Score	1	85	75	80	83
earlyMath	Composite Score	1	86	76	80	84
earlyMath	Composite Score	1	87	78	81	85
earlyMath	Composite Score	1	88	80	82	85
earlyMath	Composite Score	1	89	82	84	87
earlyMath	Composite Score	1	90	83	85	87
earlyMath	Composite Score	1	91	85	86	88
earlyMath	Composite Score	1	92	87	87	89
earlyMath	Composite Score	1	93	90	88	90
earlyMath	Composite Score	1	94	92	89	92
earlyMath	Composite Score	1	95	94	91	92
earlyMath	Composite Score	1	96	98	92	94
earlyMath	Composite Score	1	97	102	95	96
earlyMath	Composite Score	1	98	108	98	99
earlyMath	Composite Score	1	99	118	103	104

Table 25: Grade KG Percentiles for earlyReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
earlyReading	Composite Score	KG	1	24	29	39
earlyReading	Composite Score	KG	2	25	31	42
earlyReading	Composite Score	KG	3	26	32	44
earlyReading	Composite Score	KG	4	26	33	46
earlyReading	Composite Score	KG	5	26	35	48
earlyReading	Composite Score	KG	6	27	36	49
earlyReading	Composite Score	KG	7	27	37	50
earlyReading	Composite Score	KG	8	27	38	51
earlyReading	Composite Score	KG	9	27	39	52
earlyReading	Composite Score	KG	10	27	39	53
earlyReading	Composite Score	KG	11	28	40	53
earlyReading	Composite Score	KG	12	28	40	54
earlyReading	Composite Score	KG	13	28	41	55
earlyReading	Composite Score	KG	14	28	42	55
earlyReading	Composite Score	KG	15	28	42	56
earlyReading	Composite Score	KG	16	28	43	56
earlyReading	Composite Score	KG	17	29	43	57
earlyReading	Composite Score	KG	18	29	44	57
earlyReading	Composite Score	KG	19	29	44	57
earlyReading	Composite Score	KG	20	29	44	58
earlyReading	Composite Score	KG	21	29	45	58
earlyReading	Composite Score	KG	22	29	45	59
earlyReading	Composite Score	KG	23	30	46	59
earlyReading	Composite Score	KG	24	30	46	59
earlyReading	Composite Score	KG	25	30	46	59
earlyReading	Composite Score	KG	26	30	47	60
earlyReading	Composite Score	KG	27	30	47	60
earlyReading	Composite Score	KG	28	30	47	60
earlyReading	Composite Score	KG	29	31	47	61
earlyReading	Composite Score	KG	30	31	48	61
earlyReading	Composite Score	KG	31	31	48	61
earlyReading	Composite Score	KG	32	31	48	61
earlyReading	Composite Score	KG	33	31	48	62
earlyReading	Composite Score	KG	34	31	49	62
earlyReading	Composite Score	KG	35	31	49	62
earlyReading	Composite Score	KG	36	32	49	62
earlyReading	Composite Score	KG	37	32	49	63
earlyReading	Composite Score	KG	38	32	50	63
earlyReading	Composite Score	KG	39	32	50	63
earlyReading	Composite Score	KG	40	32	50	64
earlyReading	Composite Score	KG	41	32	50	64
earlyReading	Composite Score	KG	42	33	51	64

Table 25: Grade KG Percentiles for earlyReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
earlyReading	Composite Score	KG	43	33	51	64
earlyReading	Composite Score	KG	44	33	51	65
earlyReading	Composite Score	KG	45	33	51	65
earlyReading	Composite Score	KG	46	33	52	65
earlyReading	Composite Score	KG	47	33	52	65
earlyReading	Composite Score	KG	48	34	52	66
earlyReading	Composite Score	KG	49	34	52	66
earlyReading	Composite Score	KG	50	34	52	66
earlyReading	Composite Score	KG	51	34	53	66
earlyReading	Composite Score	KG	52	34	53	67
earlyReading	Composite Score	KG	53	34	53	67
earlyReading	Composite Score	KG	54	34	53	67
earlyReading	Composite Score	KG	55	35	53	67
earlyReading	Composite Score	KG	56	35	53	68
earlyReading	Composite Score	KG	57	35	54	68
earlyReading	Composite Score	KG	58	35	54	68
earlyReading	Composite Score	KG	59	35	54	68
earlyReading	Composite Score	KG	60	35	54	69
earlyReading	Composite Score	KG	61	36	54	69
earlyReading	Composite Score	KG	62	36	55	69
earlyReading	Composite Score	KG	63	36	55	70
earlyReading	Composite Score	KG	64	36	55	70
earlyReading	Composite Score	KG	65	36	55	70
earlyReading	Composite Score	KG	66	37	55	71
earlyReading	Composite Score	KG	67	37	56	71
earlyReading	Composite Score	KG	68	37	56	71
earlyReading	Composite Score	KG	69	37	56	72
earlyReading	Composite Score	KG	70	37	56	72
earlyReading	Composite Score	KG	71	37	56	72
earlyReading	Composite Score	KG	72	38	57	73
earlyReading	Composite Score	KG	73	38	57	73
earlyReading	Composite Score	KG	74	38	57	73
earlyReading	Composite Score	KG	75	38	57	74
earlyReading	Composite Score	KG	76	38	57	74
earlyReading	Composite Score	KG	77	39	58	74
earlyReading	Composite Score	KG	78	39	58	75
earlyReading	Composite Score	KG	79	39	58	75
earlyReading	Composite Score	KG	80	39	58	76
earlyReading	Composite Score	KG	81	39	59	76
earlyReading	Composite Score	KG	82	40	59	77
earlyReading	Composite Score	KG	83	40	59	77
earlyReading	Composite Score	KG	84	40	60	78

Table 25: Grade KG Percentiles for earlyReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
earlyReading	Composite Score	KG	85	40	60	78
earlyReading	Composite Score	KG	86	41	60	79
earlyReading	Composite Score	KG	87	41	61	80
earlyReading	Composite Score	KG	88	41	61	80
earlyReading	Composite Score	KG	89	42	61	81
earlyReading	Composite Score	KG	90	42	62	82
earlyReading	Composite Score	KG	91	42	62	83
earlyReading	Composite Score	KG	92	43	63	84
earlyReading	Composite Score	KG	93	43	63	85
earlyReading	Composite Score	KG	94	43	64	86
earlyReading	Composite Score	KG	95	44	65	88
earlyReading	Composite Score	KG	96	45	66	89
earlyReading	Composite Score	KG	97	45	67	92
earlyReading	Composite Score	KG	98	46	70	95
earlyReading	Composite Score	KG	99	48	74	99

Table 26: Grade 1 Percentiles for earlyReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
earlyReading	Composite Score	1	1	19	20	16
earlyReading	Composite Score	1	2	20	22	20
earlyReading	Composite Score	1	3	20	24	23
earlyReading	Composite Score	1	4	21	25	26
earlyReading	Composite Score	1	5	22	27	28
earlyReading	Composite Score	1	6	22	28	30
earlyReading	Composite Score	1	7	22	29	32
earlyReading	Composite Score	1	8	23	30	34
earlyReading	Composite Score	1	9	23	31	36
earlyReading	Composite Score	1	10	24	31	37
earlyReading	Composite Score	1	11	24	32	39
earlyReading	Composite Score	1	12	24	33	40
earlyReading	Composite Score	1	13	25	34	42
earlyReading	Composite Score	1	14	25	35	43
earlyReading	Composite Score	1	15	25	36	44
earlyReading	Composite Score	1	16	26	37	45
earlyReading	Composite Score	1	17	26	37	46
earlyReading	Composite Score	1	18	26	38	47
earlyReading	Composite Score	1	19	27	39	49
earlyReading	Composite Score	1	20	27	39	50
earlyReading	Composite Score	1	21	27	40	51
earlyReading	Composite Score	1	22	28	41	52
earlyReading	Composite Score	1	23	28	41	53
earlyReading	Composite Score	1	24	28	42	54
earlyReading	Composite Score	1	25	28	43	54
earlyReading	Composite Score	1	26	29	44	55
earlyReading	Composite Score	1	27	29	44	56
earlyReading	Composite Score	1	28	29	45	57
earlyReading	Composite Score	1	29	30	45	58
earlyReading	Composite Score	1	30	30	46	58
earlyReading	Composite Score	1	31	30	47	59
earlyReading	Composite Score	1	32	30	47	60
earlyReading	Composite Score	1	33	31	48	61
earlyReading	Composite Score	1	34	31	48	62
earlyReading	Composite Score	1	35	31	49	62
earlyReading	Composite Score	1	36	32	50	63
earlyReading	Composite Score	1	37	32	50	64
earlyReading	Composite Score	1	38	32	51	64
earlyReading	Composite Score	1	39	33	51	65
earlyReading	Composite Score	1	40	33	52	66
earlyReading	Composite Score	1	41	33	52	67
earlyReading	Composite Score	1	42	34	53	67

Table 26: Grade 1 Percentiles for earlyReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
earlyReading	Composite Score	1	43	34	54	68
earlyReading	Composite Score	1	44	34	54	69
earlyReading	Composite Score	1	45	35	55	69
earlyReading	Composite Score	1	46	35	55	70
earlyReading	Composite Score	1	47	35	56	70
earlyReading	Composite Score	1	48	36	57	71
earlyReading	Composite Score	1	49	36	57	72
earlyReading	Composite Score	1	50	37	58	72
earlyReading	Composite Score	1	51	37	58	73
earlyReading	Composite Score	1	52	38	59	74
earlyReading	Composite Score	1	53	38	60	74
earlyReading	Composite Score	1	54	39	60	75
earlyReading	Composite Score	1	55	39	61	76
earlyReading	Composite Score	1	56	40	61	77
earlyReading	Composite Score	1	57	40	62	77
earlyReading	Composite Score	1	58	41	63	78
earlyReading	Composite Score	1	59	41	63	79
earlyReading	Composite Score	1	60	42	64	79
earlyReading	Composite Score	1	61	42	65	80
earlyReading	Composite Score	1	62	43	66	81
earlyReading	Composite Score	1	63	44	66	82
earlyReading	Composite Score	1	64	44	67	83
earlyReading	Composite Score	1	65	45	68	83
earlyReading	Composite Score	1	66	46	69	84
earlyReading	Composite Score	1	67	46	69	85
earlyReading	Composite Score	1	68	47	70	86
earlyReading	Composite Score	1	69	48	71	87
earlyReading	Composite Score	1	70	49	72	88
earlyReading	Composite Score	1	71	50	73	88
earlyReading	Composite Score	1	72	51	74	89
earlyReading	Composite Score	1	73	51	75	90
earlyReading	Composite Score	1	74	52	76	91
earlyReading	Composite Score	1	75	53	77	92
earlyReading	Composite Score	1	76	54	78	93
earlyReading	Composite Score	1	77	55	79	94
earlyReading	Composite Score	1	78	56	80	95
earlyReading	Composite Score	1	79	57	81	96
earlyReading	Composite Score	1	80	58	82	97
earlyReading	Composite Score	1	81	59	83	98
earlyReading	Composite Score	1	82	60	84	99
earlyReading	Composite Score	1	83	61	86	100
earlyReading	Composite Score	1	84	62	87	101

Table 26: Grade 1 Percentiles for earlyReading

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
earlyReading	Composite Score	1	85	63	88	103
earlyReading	Composite Score	1	86	65	89	104
earlyReading	Composite Score	1	87	67	91	105
earlyReading	Composite Score	1	88	68	92	107
earlyReading	Composite Score	1	89	70	94	108
earlyReading	Composite Score	1	90	71	96	110
earlyReading	Composite Score	1	91	73	97	111
earlyReading	Composite Score	1	92	75	99	113
earlyReading	Composite Score	1	93	77	101	115
earlyReading	Composite Score	1	94	79	104	117
earlyReading	Composite Score	1	95	82	106	120
earlyReading	Composite Score	1	96	85	109	123
earlyReading	Composite Score	1	97	88	112	126
earlyReading	Composite Score	1	98	92	117	131
earlyReading	Composite Score	1	99	99	125	137

Table 27: Grade 1 Percentiles for CBMmath Automaticity

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMmath Automaticity Level 1	Number Correct/10 min	1	1	0	0	0
CBMmath Automaticity Level 1	Number Correct/10 min	1	2	0	3	5
CBMmath Automaticity Level 1	Number Correct/10 min	1	3	0	3	6
CBMmath Automaticity Level 1	Number Correct/10 min	1	4	0	5	8
CBMmath Automaticity Level 1	Number Correct/10 min	1	5	0	5	10
CBMmath Automaticity Level 1	Number Correct/10 min	1	6	0	8	10
CBMmath Automaticity Level 1	Number Correct/10 min	1	7	0	8	13
CBMmath Automaticity Level 1	Number Correct/10 min	1	8	0	9	13
CBMmath Automaticity Level 1	Number Correct/10 min	1	9	0	10	15
CBMmath Automaticity Level 1	Number Correct/10 min	1	10	0	10	15
CBMmath Automaticity Level 1	Number Correct/10 min	1	11	0	11	18
CBMmath Automaticity Level 1	Number Correct/10 min	1	12	0	13	18
CBMmath Automaticity Level 1	Number Correct/10 min	1	13	3	13	18
CBMmath Automaticity Level 1	Number Correct/10 min	1	14	3	13	20
CBMmath Automaticity Level 1	Number Correct/10 min	1	15	3	15	20
CBMmath Automaticity Level 1	Number Correct/10 min	1	16	3	15	23
CBMmath Automaticity Level 1	Number Correct/10 min	1	17	3	15	23
CBMmath Automaticity Level 1	Number Correct/10 min	1	18	3	15	23
CBMmath Automaticity Level 1	Number Correct/10 min	1	19	3	18	25
CBMmath Automaticity Level 1	Number Correct/10 min	1	20	3	18	25
CBMmath Automaticity Level 1	Number Correct/10 min	1	21	5	18	25
CBMmath Automaticity Level 1	Number Correct/10 min	1	22	5	18	25
CBMmath Automaticity Level 1	Number Correct/10 min	1	23	5	20	28
CBMmath Automaticity Level 1	Number Correct/10 min	1	24	5	20	28
CBMmath Automaticity Level 1	Number Correct/10 min	1	25	5	20	28
CBMmath Automaticity Level 1	Number Correct/10 min	1	26	5	20	30
CBMmath Automaticity Level 1	Number Correct/10 min	1	27	5	23	30
CBMmath Automaticity Level 1	Number Correct/10 min	1	28	5	23	30
CBMmath Automaticity Level 1	Number Correct/10 min	1	29	7	23	30
CBMmath Automaticity Level 1	Number Correct/10 min	1	30	8	23	33
CBMmath Automaticity Level 1	Number Correct/10 min	1	31	8	23	33
CBMmath Automaticity Level 1	Number Correct/10 min	1	32	8	25	33
CBMmath Automaticity Level 1	Number Correct/10 min	1	33	8	25	33
CBMmath Automaticity Level 1	Number Correct/10 min	1	34	8	25	35
CBMmath Automaticity Level 1	Number Correct/10 min	1	35	8	25	35
CBMmath Automaticity Level 1	Number Correct/10 min	1	36	8	28	35
CBMmath Automaticity Level 1	Number Correct/10 min	1	37	8	28	35
CBMmath Automaticity Level 1	Number Correct/10 min	1	38	10	28	38
CBMmath Automaticity Level 1	Number Correct/10 min	1	39	10	28	38
CBMmath Automaticity Level 1	Number Correct/10 min	1	40	10	28	38
CBMmath Automaticity Level 1	Number Correct/10 min	1	41	10	30	38
CBMmath Automaticity Level 1	Number Correct/10 min	1	42	10	30	40

Table 27: Grade 1 Percentiles for CBMmath Automaticity

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMmath Automaticity Level 1	Number Correct/10 min	1	43	10	30	40
CBMmath Automaticity Level 1	Number Correct/10 min	1	44	10	30	40
CBMmath Automaticity Level 1	Number Correct/10 min	1	45	10	33	40
CBMmath Automaticity Level 1	Number Correct/10 min	1	46	10	33	43
CBMmath Automaticity Level 1	Number Correct/10 min	1	47	13	33	43
CBMmath Automaticity Level 1	Number Correct/10 min	1	48	13	33	43
CBMmath Automaticity Level 1	Number Correct/10 min	1	49	13	35	44
CBMmath Automaticity Level 1	Number Correct/10 min	1	50	13	35	45
CBMmath Automaticity Level 1	Number Correct/10 min	1	51	13	35	45
CBMmath Automaticity Level 1	Number Correct/10 min	1	52	13	35	45
CBMmath Automaticity Level 1	Number Correct/10 min	1	53	13	36	48
CBMmath Automaticity Level 1	Number Correct/10 min	1	54	13	38	48
CBMmath Automaticity Level 1	Number Correct/10 min	1	55	15	38	48
CBMmath Automaticity Level 1	Number Correct/10 min	1	56	15	38	48
CBMmath Automaticity Level 1	Number Correct/10 min	1	57	15	38	50
CBMmath Automaticity Level 1	Number Correct/10 min	1	58	15	40	50
CBMmath Automaticity Level 1	Number Correct/10 min	1	59	15	40	50
CBMmath Automaticity Level 1	Number Correct/10 min	1	60	15	40	53
CBMmath Automaticity Level 1	Number Correct/10 min	1	61	15	40	53
CBMmath Automaticity Level 1	Number Correct/10 min	1	62	17	43	53
CBMmath Automaticity Level 1	Number Correct/10 min	1	63	18	43	55
CBMmath Automaticity Level 1	Number Correct/10 min	1	64	18	43	55
CBMmath Automaticity Level 1	Number Correct/10 min	1	65	18	43	55
CBMmath Automaticity Level 1	Number Correct/10 min	1	66	18	45	58
CBMmath Automaticity Level 1	Number Correct/10 min	1	67	18	45	58
CBMmath Automaticity Level 1	Number Correct/10 min	1	68	18	45	58
CBMmath Automaticity Level 1	Number Correct/10 min	1	69	20	48	60
CBMmath Automaticity Level 1	Number Correct/10 min	1	70	20	48	60
CBMmath Automaticity Level 1	Number Correct/10 min	1	71	20	48	60
CBMmath Automaticity Level 1	Number Correct/10 min	1	72	20	49	63
CBMmath Automaticity Level 1	Number Correct/10 min	1	73	20	50	63
CBMmath Automaticity Level 1	Number Correct/10 min	1	74	21	50	63
CBMmath Automaticity Level 1	Number Correct/10 min	1	75	23	52	65
CBMmath Automaticity Level 1	Number Correct/10 min	1	76	23	53	65
CBMmath Automaticity Level 1	Number Correct/10 min	1	77	23	53	67
CBMmath Automaticity Level 1	Number Correct/10 min	1	78	23	54	68
CBMmath Automaticity Level 1	Number Correct/10 min	1	79	25	55	69
CBMmath Automaticity Level 1	Number Correct/10 min	1	80	25	55	70
CBMmath Automaticity Level 1	Number Correct/10 min	1	81	25	58	71
CBMmath Automaticity Level 1	Number Correct/10 min	1	82	26	58	73
CBMmath Automaticity Level 1	Number Correct/10 min	1	83	28	60	74
CBMmath Automaticity Level 1	Number Correct/10 min	1	84	28	60	75

Table 27: Grade 1 Percentiles for CBMmath Automaticity

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMmath Automaticity Level 1	Number Correct/10 min	1	85	28	60	77
CBMmath Automaticity Level 1	Number Correct/10 min	1	86	30	63	78
CBMmath Automaticity Level 1	Number Correct/10 min	1	87	30	65	80
CBMmath Automaticity Level 1	Number Correct/10 min	1	88	31	65	81
CBMmath Automaticity Level 1	Number Correct/10 min	1	89	33	68	83
CBMmath Automaticity Level 1	Number Correct/10 min	1	90	33	70	85
CBMmath Automaticity Level 1	Number Correct/10 min	1	91	35	71	88
CBMmath Automaticity Level 1	Number Correct/10 min	1	92	38	73	90
CBMmath Automaticity Level 1	Number Correct/10 min	1	93	38	75	93
CBMmath Automaticity Level 1	Number Correct/10 min	1	94	40	78	97
CBMmath Automaticity Level 1	Number Correct/10 min	1	95	43	81	101
CBMmath Automaticity Level 1	Number Correct/10 min	1	96	45	84	106
CBMmath Automaticity Level 1	Number Correct/10 min	1	97	48	91	114
CBMmath Automaticity Level 1	Number Correct/10 min	1	98	55	97	124
CBMmath Automaticity Level 1	Number Correct/10 min	1	99	65	106	144

Table 28: Grade 2 Percentiles for CBMmath Automaticity

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMmath Automaticity Level 2	Number Correct/10 min	2	1	0	0	0
CBMmath Automaticity Level 2	Number Correct/10 min	2	2	0	0	3
CBMmath Automaticity Level 2	Number Correct/10 min	2	3	0	3	4
CBMmath Automaticity Level 2	Number Correct/10 min	2	4	0	3	5
CBMmath Automaticity Level 2	Number Correct/10 min	2	5	0	5	6
CBMmath Automaticity Level 2	Number Correct/10 min	2	6	0	5	8
CBMmath Automaticity Level 2	Number Correct/10 min	2	7	0	5	8
CBMmath Automaticity Level 2	Number Correct/10 min	2	8	3	8	10
CBMmath Automaticity Level 2	Number Correct/10 min	2	9	3	8	10
CBMmath Automaticity Level 2	Number Correct/10 min	2	10	3	8	12
CBMmath Automaticity Level 2	Number Correct/10 min	2	11	3	8	13
CBMmath Automaticity Level 2	Number Correct/10 min	2	12	3	10	13
CBMmath Automaticity Level 2	Number Correct/10 min	2	13	3	10	15
CBMmath Automaticity Level 2	Number Correct/10 min	2	14	3	10	15
CBMmath Automaticity Level 2	Number Correct/10 min	2	15	3	10	15
CBMmath Automaticity Level 2	Number Correct/10 min	2	16	5	13	18
CBMmath Automaticity Level 2	Number Correct/10 min	2	17	5	13	18
CBMmath Automaticity Level 2	Number Correct/10 min	2	18	5	13	18
CBMmath Automaticity Level 2	Number Correct/10 min	2	19	5	13	18
CBMmath Automaticity Level 2	Number Correct/10 min	2	20	5	15	20
CBMmath Automaticity Level 2	Number Correct/10 min	2	21	5	15	20
CBMmath Automaticity Level 2	Number Correct/10 min	2	22	5	15	20
CBMmath Automaticity Level 2	Number Correct/10 min	2	23	5	15	23
CBMmath Automaticity Level 2	Number Correct/10 min	2	24	8	15	23
CBMmath Automaticity Level 2	Number Correct/10 min	2	25	8	18	23
CBMmath Automaticity Level 2	Number Correct/10 min	2	26	8	18	23
CBMmath Automaticity Level 2	Number Correct/10 min	2	27	8	18	25
CBMmath Automaticity Level 2	Number Correct/10 min	2	28	8	18	25
CBMmath Automaticity Level 2	Number Correct/10 min	2	29	8	20	25
CBMmath Automaticity Level 2	Number Correct/10 min	2	30	8	20	25
CBMmath Automaticity Level 2	Number Correct/10 min	2	31	8	20	28
CBMmath Automaticity Level 2	Number Correct/10 min	2	32	10	20	28
CBMmath Automaticity Level 2	Number Correct/10 min	2	33	10	20	28
CBMmath Automaticity Level 2	Number Correct/10 min	2	34	10	23	28
CBMmath Automaticity Level 2	Number Correct/10 min	2	35	10	23	30
CBMmath Automaticity Level 2	Number Correct/10 min	2	36	10	23	30
CBMmath Automaticity Level 2	Number Correct/10 min	2	37	10	23	30
CBMmath Automaticity Level 2	Number Correct/10 min	2	38	10	23	30
CBMmath Automaticity Level 2	Number Correct/10 min	2	39	10	25	33
CBMmath Automaticity Level 2	Number Correct/10 min	2	40	13	25	33
CBMmath Automaticity Level 2	Number Correct/10 min	2	41	13	25	33
CBMmath Automaticity Level 2	Number Correct/10 min	2	42	13	25	33

Table 28: Grade 2 Percentiles for CBMmath Automaticity

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMmath Automaticity Level 2	Number Correct/10 min	2	43	13	25	35
CBMmath Automaticity Level 2	Number Correct/10 min	2	44	13	28	35
CBMmath Automaticity Level 2	Number Correct/10 min	2	45	13	28	35
CBMmath Automaticity Level 2	Number Correct/10 min	2	46	13	28	35
CBMmath Automaticity Level 2	Number Correct/10 min	2	47	13	28	38
CBMmath Automaticity Level 2	Number Correct/10 min	2	48	15	30	38
CBMmath Automaticity Level 2	Number Correct/10 min	2	49	15	30	38
CBMmath Automaticity Level 2	Number Correct/10 min	2	50	15	30	38
CBMmath Automaticity Level 2	Number Correct/10 min	2	51	15	30	40
CBMmath Automaticity Level 2	Number Correct/10 min	2	52	15	30	40
CBMmath Automaticity Level 2	Number Correct/10 min	2	53	15	33	40
CBMmath Automaticity Level 2	Number Correct/10 min	2	54	18	33	40
CBMmath Automaticity Level 2	Number Correct/10 min	2	55	18	33	43
CBMmath Automaticity Level 2	Number Correct/10 min	2	56	18	33	43
CBMmath Automaticity Level 2	Number Correct/10 min	2	57	18	35	43
CBMmath Automaticity Level 2	Number Correct/10 min	2	58	18	35	45
CBMmath Automaticity Level 2	Number Correct/10 min	2	59	18	35	45
CBMmath Automaticity Level 2	Number Correct/10 min	2	60	18	35	45
CBMmath Automaticity Level 2	Number Correct/10 min	2	61	20	35	45
CBMmath Automaticity Level 2	Number Correct/10 min	2	62	20	38	48
CBMmath Automaticity Level 2	Number Correct/10 min	2	63	20	38	48
CBMmath Automaticity Level 2	Number Correct/10 min	2	64	20	38	48
CBMmath Automaticity Level 2	Number Correct/10 min	2	65	20	38	50
CBMmath Automaticity Level 2	Number Correct/10 min	2	66	23	40	50
CBMmath Automaticity Level 2	Number Correct/10 min	2	67	23	40	50
CBMmath Automaticity Level 2	Number Correct/10 min	2	68	23	40	53
CBMmath Automaticity Level 2	Number Correct/10 min	2	69	23	43	53
CBMmath Automaticity Level 2	Number Correct/10 min	2	70	25	43	53
CBMmath Automaticity Level 2	Number Correct/10 min	2	71	25	43	53
CBMmath Automaticity Level 2	Number Correct/10 min	2	72	25	43	55
CBMmath Automaticity Level 2	Number Correct/10 min	2	73	25	45	55
CBMmath Automaticity Level 2	Number Correct/10 min	2	74	28	45	58
CBMmath Automaticity Level 2	Number Correct/10 min	2	75	28	45	58
CBMmath Automaticity Level 2	Number Correct/10 min	2	76	28	48	58
CBMmath Automaticity Level 2	Number Correct/10 min	2	77	28	48	60
CBMmath Automaticity Level 2	Number Correct/10 min	2	78	30	50	60
CBMmath Automaticity Level 2	Number Correct/10 min	2	79	30	50	63
CBMmath Automaticity Level 2	Number Correct/10 min	2	80	30	50	63
CBMmath Automaticity Level 2	Number Correct/10 min	2	81	33	53	63
CBMmath Automaticity Level 2	Number Correct/10 min	2	82	33	53	65
CBMmath Automaticity Level 2	Number Correct/10 min	2	83	33	55	65
CBMmath Automaticity Level 2	Number Correct/10 min	2	84	35	55	68

Table 28: Grade 2 Percentiles for CBMmath Automaticity

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMmath Automaticity Level 2	Number Correct/10 min	2	85	35	58	68
CBMmath Automaticity Level 2	Number Correct/10 min	2	86	38	58	70
CBMmath Automaticity Level 2	Number Correct/10 min	2	87	38	60	73
CBMmath Automaticity Level 2	Number Correct/10 min	2	88	40	60	73
CBMmath Automaticity Level 2	Number Correct/10 min	2	89	40	63	75
CBMmath Automaticity Level 2	Number Correct/10 min	2	90	43	65	78
CBMmath Automaticity Level 2	Number Correct/10 min	2	91	43	65	78
CBMmath Automaticity Level 2	Number Correct/10 min	2	92	45	68	80
CBMmath Automaticity Level 2	Number Correct/10 min	2	93	48	70	83
CBMmath Automaticity Level 2	Number Correct/10 min	2	94	50	73	85
CBMmath Automaticity Level 2	Number Correct/10 min	2	95	55	75	90
CBMmath Automaticity Level 2	Number Correct/10 min	2	96	58	80	95
CBMmath Automaticity Level 2	Number Correct/10 min	2	97	63	85	100
CBMmath Automaticity Level 2	Number Correct/10 min	2	98	70	89	107
CBMmath Automaticity Level 2	Number Correct/10 min	2	99	80	98	120

Table 29: Grade 3 Percentiles for CBMmath Automaticity

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMmath Automaticity Level 3	Number Correct/10 min	3	1	0	0	0
CBMmath Automaticity Level 3	Number Correct/10 min	3	2	0	3	3
CBMmath Automaticity Level 3	Number Correct/10 min	3	3	0	3	4
CBMmath Automaticity Level 3	Number Correct/10 min	3	4	0	5	5
CBMmath Automaticity Level 3	Number Correct/10 min	3	5	0	5	5
CBMmath Automaticity Level 3	Number Correct/10 min	3	6	0	5	8
CBMmath Automaticity Level 3	Number Correct/10 min	3	7	0	7	8
CBMmath Automaticity Level 3	Number Correct/10 min	3	8	0	8	8
CBMmath Automaticity Level 3	Number Correct/10 min	3	9	3	8	10
CBMmath Automaticity Level 3	Number Correct/10 min	3	10	3	8	10
CBMmath Automaticity Level 3	Number Correct/10 min	3	11	3	10	10
CBMmath Automaticity Level 3	Number Correct/10 min	3	12	3	10	13
CBMmath Automaticity Level 3	Number Correct/10 min	3	13	3	10	13
CBMmath Automaticity Level 3	Number Correct/10 min	3	14	3	10	13
CBMmath Automaticity Level 3	Number Correct/10 min	3	15	3	13	13
CBMmath Automaticity Level 3	Number Correct/10 min	3	16	3	13	15
CBMmath Automaticity Level 3	Number Correct/10 min	3	17	3	13	15
CBMmath Automaticity Level 3	Number Correct/10 min	3	18	3	13	15
CBMmath Automaticity Level 3	Number Correct/10 min	3	19	3	13	15
CBMmath Automaticity Level 3	Number Correct/10 min	3	20	5	15	18
CBMmath Automaticity Level 3	Number Correct/10 min	3	21	5	15	18
CBMmath Automaticity Level 3	Number Correct/10 min	3	22	5	15	18
CBMmath Automaticity Level 3	Number Correct/10 min	3	23	5	15	18
CBMmath Automaticity Level 3	Number Correct/10 min	3	24	5	15	20
CBMmath Automaticity Level 3	Number Correct/10 min	3	25	5	18	20
CBMmath Automaticity Level 3	Number Correct/10 min	3	26	5	18	20
CBMmath Automaticity Level 3	Number Correct/10 min	3	27	5	18	20
CBMmath Automaticity Level 3	Number Correct/10 min	3	28	5	18	20
CBMmath Automaticity Level 3	Number Correct/10 min	3	29	5	18	23
CBMmath Automaticity Level 3	Number Correct/10 min	3	30	5	18	23
CBMmath Automaticity Level 3	Number Correct/10 min	3	31	8	20	23
CBMmath Automaticity Level 3	Number Correct/10 min	3	32	8	20	23
CBMmath Automaticity Level 3	Number Correct/10 min	3	33	8	20	23
CBMmath Automaticity Level 3	Number Correct/10 min	3	34	8	20	25
CBMmath Automaticity Level 3	Number Correct/10 min	3	35	8	20	25
CBMmath Automaticity Level 3	Number Correct/10 min	3	36	8	20	25
CBMmath Automaticity Level 3	Number Correct/10 min	3	37	8	23	25
CBMmath Automaticity Level 3	Number Correct/10 min	3	38	8	23	28
CBMmath Automaticity Level 3	Number Correct/10 min	3	39	8	23	28
CBMmath Automaticity Level 3	Number Correct/10 min	3	40	8	23	28
CBMmath Automaticity Level 3	Number Correct/10 min	3	41	8	23	28
CBMmath Automaticity Level 3	Number Correct/10 min	3	42	8	25	30

Table 29: Grade 3 Percentiles for CBMmath Automaticity

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMmath Automaticity Level 3	Number Correct/10 min	3	43	10	25	30
CBMmath Automaticity Level 3	Number Correct/10 min	3	44	10	25	30
CBMmath Automaticity Level 3	Number Correct/10 min	3	45	10	25	30
CBMmath Automaticity Level 3	Number Correct/10 min	3	46	10	25	30
CBMmath Automaticity Level 3	Number Correct/10 min	3	47	10	25	33
CBMmath Automaticity Level 3	Number Correct/10 min	3	48	10	28	33
CBMmath Automaticity Level 3	Number Correct/10 min	3	49	10	28	33
CBMmath Automaticity Level 3	Number Correct/10 min	3	50	10	28	33
CBMmath Automaticity Level 3	Number Correct/10 min	3	51	10	28	35
CBMmath Automaticity Level 3	Number Correct/10 min	3	52	10	28	35
CBMmath Automaticity Level 3	Number Correct/10 min	3	53	13	30	35
CBMmath Automaticity Level 3	Number Correct/10 min	3	54	13	30	35
CBMmath Automaticity Level 3	Number Correct/10 min	3	55	13	30	35
CBMmath Automaticity Level 3	Number Correct/10 min	3	56	13	30	38
CBMmath Automaticity Level 3	Number Correct/10 min	3	57	13	30	38
CBMmath Automaticity Level 3	Number Correct/10 min	3	58	13	30	38
CBMmath Automaticity Level 3	Number Correct/10 min	3	59	13	33	38
CBMmath Automaticity Level 3	Number Correct/10 min	3	60	13	33	40
CBMmath Automaticity Level 3	Number Correct/10 min	3	61	15	33	40
CBMmath Automaticity Level 3	Number Correct/10 min	3	62	15	33	40
CBMmath Automaticity Level 3	Number Correct/10 min	3	63	15	35	40
CBMmath Automaticity Level 3	Number Correct/10 min	3	64	15	35	43
CBMmath Automaticity Level 3	Number Correct/10 min	3	65	15	35	43
CBMmath Automaticity Level 3	Number Correct/10 min	3	66	15	35	43
CBMmath Automaticity Level 3	Number Correct/10 min	3	67	15	38	45
CBMmath Automaticity Level 3	Number Correct/10 min	3	68	18	38	45
CBMmath Automaticity Level 3	Number Correct/10 min	3	69	18	38	45
CBMmath Automaticity Level 3	Number Correct/10 min	3	70	18	38	45
CBMmath Automaticity Level 3	Number Correct/10 min	3	71	18	40	48
CBMmath Automaticity Level 3	Number Correct/10 min	3	72	18	40	48
CBMmath Automaticity Level 3	Number Correct/10 min	3	73	18	40	48
CBMmath Automaticity Level 3	Number Correct/10 min	3	74	20	43	50
CBMmath Automaticity Level 3	Number Correct/10 min	3	75	20	43	50
CBMmath Automaticity Level 3	Number Correct/10 min	3	76	20	43	51
CBMmath Automaticity Level 3	Number Correct/10 min	3	77	20	45	53
CBMmath Automaticity Level 3	Number Correct/10 min	3	78	20	45	53
CBMmath Automaticity Level 3	Number Correct/10 min	3	79	23	45	54
CBMmath Automaticity Level 3	Number Correct/10 min	3	80	23	48	55
CBMmath Automaticity Level 3	Number Correct/10 min	3	81	23	48	55
CBMmath Automaticity Level 3	Number Correct/10 min	3	82	23	49	58
CBMmath Automaticity Level 3	Number Correct/10 min	3	83	24	50	58
CBMmath Automaticity Level 3	Number Correct/10 min	3	84	25	50	60

Table 29: Grade 3 Percentiles for CBMmath Automaticity

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMmath Automaticity Level 3	Number Correct/10 min	3	85	25	53	60
CBMmath Automaticity Level 3	Number Correct/10 min	3	86	25	53	63
CBMmath Automaticity Level 3	Number Correct/10 min	3	87	28	55	63
CBMmath Automaticity Level 3	Number Correct/10 min	3	88	28	58	65
CBMmath Automaticity Level 3	Number Correct/10 min	3	89	30	58	68
CBMmath Automaticity Level 3	Number Correct/10 min	3	90	30	60	69
CBMmath Automaticity Level 3	Number Correct/10 min	3	91	33	63	70
CBMmath Automaticity Level 3	Number Correct/10 min	3	92	33	65	73
CBMmath Automaticity Level 3	Number Correct/10 min	3	93	35	68	75
CBMmath Automaticity Level 3	Number Correct/10 min	3	94	40	70	79
CBMmath Automaticity Level 3	Number Correct/10 min	3	95	43	73	83
CBMmath Automaticity Level 3	Number Correct/10 min	3	96	45	78	86
CBMmath Automaticity Level 3	Number Correct/10 min	3	97	50	83	92
CBMmath Automaticity Level 3	Number Correct/10 min	3	98	58	92	99
CBMmath Automaticity Level 3	Number Correct/10 min	3	99	73	107	112

Table 30: Grade 4 Percentiles for CBMmath Automaticity

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMmath Automaticity Level 3	Number Correct/10 min	4	1	0	3	3
CBMmath Automaticity Level 3	Number Correct/10 min	4	2	0	4	5
CBMmath Automaticity Level 3	Number Correct/10 min	4	3	1	5	8
CBMmath Automaticity Level 3	Number Correct/10 min	4	4	3	8	9
CBMmath Automaticity Level 3	Number Correct/10 min	4	5	3	8	10
CBMmath Automaticity Level 3	Number Correct/10 min	4	6	4	9	11
CBMmath Automaticity Level 3	Number Correct/10 min	4	7	4	10	13
CBMmath Automaticity Level 3	Number Correct/10 min	4	8	5	11	14
CBMmath Automaticity Level 3	Number Correct/10 min	4	9	5	13	15
CBMmath Automaticity Level 3	Number Correct/10 min	4	10	6	14	16
CBMmath Automaticity Level 3	Number Correct/10 min	4	11	7	14	18
CBMmath Automaticity Level 3	Number Correct/10 min	4	12	7	15	19
CBMmath Automaticity Level 3	Number Correct/10 min	4	13	8	16	20
CBMmath Automaticity Level 3	Number Correct/10 min	4	14	8	17	21
CBMmath Automaticity Level 3	Number Correct/10 min	4	15	9	18	22
CBMmath Automaticity Level 3	Number Correct/10 min	4	16	9	18	23
CBMmath Automaticity Level 3	Number Correct/10 min	4	17	10	19	23
CBMmath Automaticity Level 3	Number Correct/10 min	4	18	10	20	24
CBMmath Automaticity Level 3	Number Correct/10 min	4	19	11	21	25
CBMmath Automaticity Level 3	Number Correct/10 min	4	20	11	21	26
CBMmath Automaticity Level 3	Number Correct/10 min	4	21	12	22	27
CBMmath Automaticity Level 3	Number Correct/10 min	4	22	12	23	28
CBMmath Automaticity Level 3	Number Correct/10 min	4	23	13	23	28
CBMmath Automaticity Level 3	Number Correct/10 min	4	24	14	24	29
CBMmath Automaticity Level 3	Number Correct/10 min	4	25	14	25	30
CBMmath Automaticity Level 3	Number Correct/10 min	4	26	14	25	31
CBMmath Automaticity Level 3	Number Correct/10 min	4	27	15	26	32
CBMmath Automaticity Level 3	Number Correct/10 min	4	28	15	27	33
CBMmath Automaticity Level 3	Number Correct/10 min	4	29	16	28	33
CBMmath Automaticity Level 3	Number Correct/10 min	4	30	16	28	34
CBMmath Automaticity Level 3	Number Correct/10 min	4	31	17	29	35
CBMmath Automaticity Level 3	Number Correct/10 min	4	32	17	29	36
CBMmath Automaticity Level 3	Number Correct/10 min	4	33	18	30	38
CBMmath Automaticity Level 3	Number Correct/10 min	4	34	18	31	39
CBMmath Automaticity Level 3	Number Correct/10 min	4	35	19	32	39
CBMmath Automaticity Level 3	Number Correct/10 min	4	36	19	33	40
CBMmath Automaticity Level 3	Number Correct/10 min	4	37	20	33	41
CBMmath Automaticity Level 3	Number Correct/10 min	4	38	20	34	41
CBMmath Automaticity Level 3	Number Correct/10 min	4	39	21	35	42
CBMmath Automaticity Level 3	Number Correct/10 min	4	40	21	36	43
CBMmath Automaticity Level 3	Number Correct/10 min	4	41	22	37	43
CBMmath Automaticity Level 3	Number Correct/10 min	4	42	22	38	44

Table 30: Grade 4 Percentiles for CBMmath Automaticity

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMmath Automaticity Level 3	Number Correct/10 min	4	43	23	39	45
CBMmath Automaticity Level 3	Number Correct/10 min	4	44	23	40	46
CBMmath Automaticity Level 3	Number Correct/10 min	4	45	24	40	47
CBMmath Automaticity Level 3	Number Correct/10 min	4	46	25	40	48
CBMmath Automaticity Level 3	Number Correct/10 min	4	47	25	41	48
CBMmath Automaticity Level 3	Number Correct/10 min	4	48	25	42	49
CBMmath Automaticity Level 3	Number Correct/10 min	4	49	26	43	50
CBMmath Automaticity Level 3	Number Correct/10 min	4	50	26	43	51
CBMmath Automaticity Level 3	Number Correct/10 min	4	51	27	44	52
CBMmath Automaticity Level 3	Number Correct/10 min	4	52	28	44	53
CBMmath Automaticity Level 3	Number Correct/10 min	4	53	28	45	53
CBMmath Automaticity Level 3	Number Correct/10 min	4	54	29	46	54
CBMmath Automaticity Level 3	Number Correct/10 min	4	55	29	47	55
CBMmath Automaticity Level 3	Number Correct/10 min	4	56	30	48	56
CBMmath Automaticity Level 3	Number Correct/10 min	4	57	31	48	57
CBMmath Automaticity Level 3	Number Correct/10 min	4	58	31	49	58
CBMmath Automaticity Level 3	Number Correct/10 min	4	59	32	50	59
CBMmath Automaticity Level 3	Number Correct/10 min	4	60	33	51	60
CBMmath Automaticity Level 3	Number Correct/10 min	4	61	33	52	61
CBMmath Automaticity Level 3	Number Correct/10 min	4	62	34	53	62
CBMmath Automaticity Level 3	Number Correct/10 min	4	63	35	53	63
CBMmath Automaticity Level 3	Number Correct/10 min	4	64	36	54	64
CBMmath Automaticity Level 3	Number Correct/10 min	4	65	36	55	65
CBMmath Automaticity Level 3	Number Correct/10 min	4	66	37	56	66
CBMmath Automaticity Level 3	Number Correct/10 min	4	67	38	57	67
CBMmath Automaticity Level 3	Number Correct/10 min	4	68	38	58	68
CBMmath Automaticity Level 3	Number Correct/10 min	4	69	39	58	69
CBMmath Automaticity Level 3	Number Correct/10 min	4	70	39	59	70
CBMmath Automaticity Level 3	Number Correct/10 min	4	71	40	60	71
CBMmath Automaticity Level 3	Number Correct/10 min	4	72	41	61	73
CBMmath Automaticity Level 3	Number Correct/10 min	4	73	42	62	74
CBMmath Automaticity Level 3	Number Correct/10 min	4	74	43	63	75
CBMmath Automaticity Level 3	Number Correct/10 min	4	75	44	64	76
CBMmath Automaticity Level 3	Number Correct/10 min	4	76	45	65	78
CBMmath Automaticity Level 3	Number Correct/10 min	4	77	46	66	80
CBMmath Automaticity Level 3	Number Correct/10 min	4	78	47	68	80
CBMmath Automaticity Level 3	Number Correct/10 min	4	79	48	70	82
CBMmath Automaticity Level 3	Number Correct/10 min	4	80	49	71	83
CBMmath Automaticity Level 3	Number Correct/10 min	4	81	50	73	84
CBMmath Automaticity Level 3	Number Correct/10 min	4	82	51	74	85
CBMmath Automaticity Level 3	Number Correct/10 min	4	83	53	75	88
CBMmath Automaticity Level 3	Number Correct/10 min	4	84	54	78	89

Table 30: Grade 4 Percentiles for CBMmath Automaticity

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMmath Automaticity Level 3	Number Correct/10 min	4	85	55	78	91
CBMmath Automaticity Level 3	Number Correct/10 min	4	86	58	80	94
CBMmath Automaticity Level 3	Number Correct/10 min	4	87	60	83	95
CBMmath Automaticity Level 3	Number Correct/10 min	4	88	63	85	98
CBMmath Automaticity Level 3	Number Correct/10 min	4	89	64	86	101
CBMmath Automaticity Level 3	Number Correct/10 min	4	90	65	88	104
CBMmath Automaticity Level 3	Number Correct/10 min	4	91	68	90	107
CBMmath Automaticity Level 3	Number Correct/10 min	4	92	70	93	109
CBMmath Automaticity Level 3	Number Correct/10 min	4	93	73	96	113
CBMmath Automaticity Level 3	Number Correct/10 min	4	94	78	100	115
CBMmath Automaticity Level 3	Number Correct/10 min	4	95	80	103	122
CBMmath Automaticity Level 3	Number Correct/10 min	4	96	83	109	127
CBMmath Automaticity Level 3	Number Correct/10 min	4	97	88	116	135
CBMmath Automaticity Level 3	Number Correct/10 min	4	98	96	123	149
CBMmath Automaticity Level 3	Number Correct/10 min	4	99	112	146	169

Table 31: Grade 5 Percentiles for CBMmath Automaticity

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMmath Automaticity Level 3	Number Correct/10 min	5	1	3	5	8
CBMmath Automaticity Level 3	Number Correct/10 min	5	2	4	8	13
CBMmath Automaticity Level 3	Number Correct/10 min	5	3	5	10	15
CBMmath Automaticity Level 3	Number Correct/10 min	5	4	6	13	17
CBMmath Automaticity Level 3	Number Correct/10 min	5	5	8	15	18
CBMmath Automaticity Level 3	Number Correct/10 min	5	6	10	18	20
CBMmath Automaticity Level 3	Number Correct/10 min	5	7	10	19	23
CBMmath Automaticity Level 3	Number Correct/10 min	5	8	11	20	25
CBMmath Automaticity Level 3	Number Correct/10 min	5	9	13	23	28
CBMmath Automaticity Level 3	Number Correct/10 min	5	10	14	24	29
CBMmath Automaticity Level 3	Number Correct/10 min	5	11	15	25	30
CBMmath Automaticity Level 3	Number Correct/10 min	5	12	16	26	31
CBMmath Automaticity Level 3	Number Correct/10 min	5	13	18	28	33
CBMmath Automaticity Level 3	Number Correct/10 min	5	14	19	29	34
CBMmath Automaticity Level 3	Number Correct/10 min	5	15	19	30	35
CBMmath Automaticity Level 3	Number Correct/10 min	5	16	20	31	36
CBMmath Automaticity Level 3	Number Correct/10 min	5	17	21	32	38
CBMmath Automaticity Level 3	Number Correct/10 min	5	18	22	33	38
CBMmath Automaticity Level 3	Number Correct/10 min	5	19	23	34	39
CBMmath Automaticity Level 3	Number Correct/10 min	5	20	23	35	40
CBMmath Automaticity Level 3	Number Correct/10 min	5	21	24	36	43
CBMmath Automaticity Level 3	Number Correct/10 min	5	22	25	37	43
CBMmath Automaticity Level 3	Number Correct/10 min	5	23	26	38	44
CBMmath Automaticity Level 3	Number Correct/10 min	5	24	26	39	45
CBMmath Automaticity Level 3	Number Correct/10 min	5	25	27	40	46
CBMmath Automaticity Level 3	Number Correct/10 min	5	26	28	41	48
CBMmath Automaticity Level 3	Number Correct/10 min	5	27	28	42	48
CBMmath Automaticity Level 3	Number Correct/10 min	5	28	29	43	49
CBMmath Automaticity Level 3	Number Correct/10 min	5	29	30	44	50
CBMmath Automaticity Level 3	Number Correct/10 min	5	30	31	45	51
CBMmath Automaticity Level 3	Number Correct/10 min	5	31	32	46	53
CBMmath Automaticity Level 3	Number Correct/10 min	5	32	33	47	53
CBMmath Automaticity Level 3	Number Correct/10 min	5	33	33	48	54
CBMmath Automaticity Level 3	Number Correct/10 min	5	34	34	48	55
CBMmath Automaticity Level 3	Number Correct/10 min	5	35	34	49	56
CBMmath Automaticity Level 3	Number Correct/10 min	5	36	35	50	58
CBMmath Automaticity Level 3	Number Correct/10 min	5	37	36	51	59
CBMmath Automaticity Level 3	Number Correct/10 min	5	38	37	53	60
CBMmath Automaticity Level 3	Number Correct/10 min	5	39	38	53	61
CBMmath Automaticity Level 3	Number Correct/10 min	5	40	38	54	62
CBMmath Automaticity Level 3	Number Correct/10 min	5	41	39	55	63
CBMmath Automaticity Level 3	Number Correct/10 min	5	42	40	56	63

Table 31: Grade 5 Percentiles for CBMmath Automaticity

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMmath Automaticity Level 3	Number Correct/10 min	5	43	41	58	64
CBMmath Automaticity Level 3	Number Correct/10 min	5	44	42	59	65
CBMmath Automaticity Level 3	Number Correct/10 min	5	45	43	59	66
CBMmath Automaticity Level 3	Number Correct/10 min	5	46	43	60	68
CBMmath Automaticity Level 3	Number Correct/10 min	5	47	44	61	69
CBMmath Automaticity Level 3	Number Correct/10 min	5	48	44	62	70
CBMmath Automaticity Level 3	Number Correct/10 min	5	49	45	63	71
CBMmath Automaticity Level 3	Number Correct/10 min	5	50	46	64	73
CBMmath Automaticity Level 3	Number Correct/10 min	5	51	47	65	73
CBMmath Automaticity Level 3	Number Correct/10 min	5	52	48	66	74
CBMmath Automaticity Level 3	Number Correct/10 min	5	53	48	67	75
CBMmath Automaticity Level 3	Number Correct/10 min	5	54	49	68	76
CBMmath Automaticity Level 3	Number Correct/10 min	5	55	50	68	78
CBMmath Automaticity Level 3	Number Correct/10 min	5	56	51	69	79
CBMmath Automaticity Level 3	Number Correct/10 min	5	57	52	70	80
CBMmath Automaticity Level 3	Number Correct/10 min	5	58	53	71	82
CBMmath Automaticity Level 3	Number Correct/10 min	5	59	53	73	83
CBMmath Automaticity Level 3	Number Correct/10 min	5	60	54	74	84
CBMmath Automaticity Level 3	Number Correct/10 min	5	61	55	75	85
CBMmath Automaticity Level 3	Number Correct/10 min	5	62	56	75	86
CBMmath Automaticity Level 3	Number Correct/10 min	5	63	57	76	88
CBMmath Automaticity Level 3	Number Correct/10 min	5	64	58	78	89
CBMmath Automaticity Level 3	Number Correct/10 min	5	65	58	78	90
CBMmath Automaticity Level 3	Number Correct/10 min	5	66	59	79	91
CBMmath Automaticity Level 3	Number Correct/10 min	5	67	60	80	93
CBMmath Automaticity Level 3	Number Correct/10 min	5	68	61	81	94
CBMmath Automaticity Level 3	Number Correct/10 min	5	69	62	83	95
CBMmath Automaticity Level 3	Number Correct/10 min	5	70	63	84	96
CBMmath Automaticity Level 3	Number Correct/10 min	5	71	64	85	98
CBMmath Automaticity Level 3	Number Correct/10 min	5	72	65	87	99
CBMmath Automaticity Level 3	Number Correct/10 min	5	73	66	88	100
CBMmath Automaticity Level 3	Number Correct/10 min	5	74	68	88	101
CBMmath Automaticity Level 3	Number Correct/10 min	5	75	69	90	103
CBMmath Automaticity Level 3	Number Correct/10 min	5	76	70	90	105
CBMmath Automaticity Level 3	Number Correct/10 min	5	77	72	93	106
CBMmath Automaticity Level 3	Number Correct/10 min	5	78	73	94	108
CBMmath Automaticity Level 3	Number Correct/10 min	5	79	74	95	110
CBMmath Automaticity Level 3	Number Correct/10 min	5	80	75	96	112
CBMmath Automaticity Level 3	Number Correct/10 min	5	81	76	98	113
CBMmath Automaticity Level 3	Number Correct/10 min	5	82	78	99	115
CBMmath Automaticity Level 3	Number Correct/10 min	5	83	80	101	118
CBMmath Automaticity Level 3	Number Correct/10 min	5	84	81	103	121

Table 31: Grade 5 Percentiles for CBMmath Automaticity

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMmath Automaticity Level 3	Number Correct/10 min	5	85	83	105	123
CBMmath Automaticity Level 3	Number Correct/10 min	5	86	85	106	125
CBMmath Automaticity Level 3	Number Correct/10 min	5	87	88	109	127
CBMmath Automaticity Level 3	Number Correct/10 min	5	88	90	112	130
CBMmath Automaticity Level 3	Number Correct/10 min	5	89	92	114	133
CBMmath Automaticity Level 3	Number Correct/10 min	5	90	95	117	137
CBMmath Automaticity Level 3	Number Correct/10 min	5	91	97	121	142
CBMmath Automaticity Level 3	Number Correct/10 min	5	92	101	125	146
CBMmath Automaticity Level 3	Number Correct/10 min	5	93	104	129	151
CBMmath Automaticity Level 3	Number Correct/10 min	5	94	108	134	157
CBMmath Automaticity Level 3	Number Correct/10 min	5	95	112	142	164
CBMmath Automaticity Level 3	Number Correct/10 min	5	96	117	150	171
CBMmath Automaticity Level 3	Number Correct/10 min	5	97	124	159	181
CBMmath Automaticity Level 3	Number Correct/10 min	5	98	135	173	193
CBMmath Automaticity Level 3	Number Correct/10 min	5	99	153	190	204

Table 32: Grade 6 Percentiles for CBMmath Automaticity

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMmath Automaticity Level 3	Number Correct/10 min	6	1	0	5	5
CBMmath Automaticity Level 3	Number Correct/10 min	6	2	5	8	10
CBMmath Automaticity Level 3	Number Correct/10 min	6	3	8	13	13
CBMmath Automaticity Level 3	Number Correct/10 min	6	4	10	15	18
CBMmath Automaticity Level 3	Number Correct/10 min	6	5	13	18	20
CBMmath Automaticity Level 3	Number Correct/10 min	6	6	15	20	23
CBMmath Automaticity Level 3	Number Correct/10 min	6	7	18	23	25
CBMmath Automaticity Level 3	Number Correct/10 min	6	8	19	25	28
CBMmath Automaticity Level 3	Number Correct/10 min	6	9	20	28	30
CBMmath Automaticity Level 3	Number Correct/10 min	6	10	21	29	33
CBMmath Automaticity Level 3	Number Correct/10 min	6	11	23	30	35
CBMmath Automaticity Level 3	Number Correct/10 min	6	12	23	31	36
CBMmath Automaticity Level 3	Number Correct/10 min	6	13	24	33	38
CBMmath Automaticity Level 3	Number Correct/10 min	6	14	25	35	40
CBMmath Automaticity Level 3	Number Correct/10 min	6	15	26	36	41
CBMmath Automaticity Level 3	Number Correct/10 min	6	16	28	38	43
CBMmath Automaticity Level 3	Number Correct/10 min	6	17	29	39	45
CBMmath Automaticity Level 3	Number Correct/10 min	6	18	30	40	48
CBMmath Automaticity Level 3	Number Correct/10 min	6	19	31	41	49
CBMmath Automaticity Level 3	Number Correct/10 min	6	20	33	43	50
CBMmath Automaticity Level 3	Number Correct/10 min	6	21	34	44	51
CBMmath Automaticity Level 3	Number Correct/10 min	6	22	35	45	53
CBMmath Automaticity Level 3	Number Correct/10 min	6	23	36	46	55
CBMmath Automaticity Level 3	Number Correct/10 min	6	24	37	47	56
CBMmath Automaticity Level 3	Number Correct/10 min	6	25	38	48	57
CBMmath Automaticity Level 3	Number Correct/10 min	6	26	38	50	58
CBMmath Automaticity Level 3	Number Correct/10 min	6	27	39	51	59
CBMmath Automaticity Level 3	Number Correct/10 min	6	28	40	52	60
CBMmath Automaticity Level 3	Number Correct/10 min	6	29	41	53	61
CBMmath Automaticity Level 3	Number Correct/10 min	6	30	42	54	63
CBMmath Automaticity Level 3	Number Correct/10 min	6	31	43	55	65
CBMmath Automaticity Level 3	Number Correct/10 min	6	32	44	56	65
CBMmath Automaticity Level 3	Number Correct/10 min	6	33	45	58	66
CBMmath Automaticity Level 3	Number Correct/10 min	6	34	46	58	68
CBMmath Automaticity Level 3	Number Correct/10 min	6	35	48	59	69
CBMmath Automaticity Level 3	Number Correct/10 min	6	36	49	60	70
CBMmath Automaticity Level 3	Number Correct/10 min	6	37	50	61	71
CBMmath Automaticity Level 3	Number Correct/10 min	6	38	50	63	73
CBMmath Automaticity Level 3	Number Correct/10 min	6	39	51	65	75
CBMmath Automaticity Level 3	Number Correct/10 min	6	40	53	66	76
CBMmath Automaticity Level 3	Number Correct/10 min	6	41	53	67	78
CBMmath Automaticity Level 3	Number Correct/10 min	6	42	54	68	79

Table 32: Grade 6 Percentiles for CBMmath Automaticity

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMmath Automaticity Level 3	Number Correct/10 min	6	43	55	69	80
CBMmath Automaticity Level 3	Number Correct/10 min	6	44	56	70	82
CBMmath Automaticity Level 3	Number Correct/10 min	6	45	58	71	83
CBMmath Automaticity Level 3	Number Correct/10 min	6	46	59	73	84
CBMmath Automaticity Level 3	Number Correct/10 min	6	47	60	73	85
CBMmath Automaticity Level 3	Number Correct/10 min	6	48	61	74	87
CBMmath Automaticity Level 3	Number Correct/10 min	6	49	62	75	88
CBMmath Automaticity Level 3	Number Correct/10 min	6	50	63	76	89
CBMmath Automaticity Level 3	Number Correct/10 min	6	51	63	78	90
CBMmath Automaticity Level 3	Number Correct/10 min	6	52	64	79	90
CBMmath Automaticity Level 3	Number Correct/10 min	6	53	65	80	93
CBMmath Automaticity Level 3	Number Correct/10 min	6	54	66	81	93
CBMmath Automaticity Level 3	Number Correct/10 min	6	55	67	83	95
CBMmath Automaticity Level 3	Number Correct/10 min	6	56	68	84	97
CBMmath Automaticity Level 3	Number Correct/10 min	6	57	70	85	98
CBMmath Automaticity Level 3	Number Correct/10 min	6	58	71	87	100
CBMmath Automaticity Level 3	Number Correct/10 min	6	59	72	88	101
CBMmath Automaticity Level 3	Number Correct/10 min	6	60	72	89	102
CBMmath Automaticity Level 3	Number Correct/10 min	6	61	73	90	104
CBMmath Automaticity Level 3	Number Correct/10 min	6	62	74	91	105
CBMmath Automaticity Level 3	Number Correct/10 min	6	63	75	93	106
CBMmath Automaticity Level 3	Number Correct/10 min	6	64	76	94	108
CBMmath Automaticity Level 3	Number Correct/10 min	6	65	78	95	109
CBMmath Automaticity Level 3	Number Correct/10 min	6	66	80	96	110
CBMmath Automaticity Level 3	Number Correct/10 min	6	67	80	98	112
CBMmath Automaticity Level 3	Number Correct/10 min	6	68	81	99	113
CBMmath Automaticity Level 3	Number Correct/10 min	6	69	83	100	115
CBMmath Automaticity Level 3	Number Correct/10 min	6	70	83	101	116
CBMmath Automaticity Level 3	Number Correct/10 min	6	71	85	103	118
CBMmath Automaticity Level 3	Number Correct/10 min	6	72	87	104	119
CBMmath Automaticity Level 3	Number Correct/10 min	6	73	88	106	121
CBMmath Automaticity Level 3	Number Correct/10 min	6	74	90	108	123
CBMmath Automaticity Level 3	Number Correct/10 min	6	75	91	110	125
CBMmath Automaticity Level 3	Number Correct/10 min	6	76	93	111	128
CBMmath Automaticity Level 3	Number Correct/10 min	6	77	95	113	130
CBMmath Automaticity Level 3	Number Correct/10 min	6	78	96	114	132
CBMmath Automaticity Level 3	Number Correct/10 min	6	79	98	116	135
CBMmath Automaticity Level 3	Number Correct/10 min	6	80	98	117	137
CBMmath Automaticity Level 3	Number Correct/10 min	6	81	100	120	139
CBMmath Automaticity Level 3	Number Correct/10 min	6	82	101	122	140
CBMmath Automaticity Level 3	Number Correct/10 min	6	83	104	125	142
CBMmath Automaticity Level 3	Number Correct/10 min	6	84	105	126	145

Table 32: Grade 6 Percentiles for CBMmath Automaticity

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
CBMmath Automaticity Level 3	Number Correct/10 min	6	85	107	129	148
CBMmath Automaticity Level 3	Number Correct/10 min	6	86	108	131	151
CBMmath Automaticity Level 3	Number Correct/10 min	6	87	110	133	154
CBMmath Automaticity Level 3	Number Correct/10 min	6	88	113	137	158
CBMmath Automaticity Level 3	Number Correct/10 min	6	89	118	140	161
CBMmath Automaticity Level 3	Number Correct/10 min	6	90	121	143	166
CBMmath Automaticity Level 3	Number Correct/10 min	6	91	123	148	171
CBMmath Automaticity Level 3	Number Correct/10 min	6	92	127	153	177
CBMmath Automaticity Level 3	Number Correct/10 min	6	93	133	157	185
CBMmath Automaticity Level 3	Number Correct/10 min	6	94	137	163	191
CBMmath Automaticity Level 3	Number Correct/10 min	6	95	145	170	197
CBMmath Automaticity Level 3	Number Correct/10 min	6	96	153	177	203
CBMmath Automaticity Level 3	Number Correct/10 min	6	97	162	184	217
CBMmath Automaticity Level 3	Number Correct/10 min	6	98	179	202	232
CBMmath Automaticity Level 3	Number Correct/10 min	6	99	192	217	246

Table 33: Grade KG Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	KG	1	156	167	171
aMath	Scale Score	KG	2	163	171	174
aMath	Scale Score	KG	3	166	172	176
aMath	Scale Score	KG	4	168	174	178
aMath	Scale Score	KG	5	169	175	180
aMath	Scale Score	KG	6	170	177	181
aMath	Scale Score	KG	7	170	178	182
aMath	Scale Score	KG	8	171	179	182
aMath	Scale Score	KG	9	171	179	182
aMath	Scale Score	KG	10	171	179	182
aMath	Scale Score	KG	11	171	179	182
aMath	Scale Score	KG	12	171	179	183
aMath	Scale Score	KG	13	172	179	183
aMath	Scale Score	KG	14	172	179	183
aMath	Scale Score	KG	15	172	180	183
aMath	Scale Score	KG	16	172	180	183
aMath	Scale Score	KG	17	172	180	183
aMath	Scale Score	KG	18	172	180	183
aMath	Scale Score	KG	19	172	180	183
aMath	Scale Score	KG	20	173	180	183
aMath	Scale Score	KG	21	173	180	183
aMath	Scale Score	KG	22	173	180	184
aMath	Scale Score	KG	23	173	180	184
aMath	Scale Score	KG	24	173	181	184
aMath	Scale Score	KG	25	173	181	185
aMath	Scale Score	KG	26	174	181	186
aMath	Scale Score	KG	27	174	181	186
aMath	Scale Score	KG	28	174	181	187
aMath	Scale Score	KG	29	174	181	187
aMath	Scale Score	KG	30	175	181	188
aMath	Scale Score	KG	31	175	181	188
aMath	Scale Score	KG	32	175	182	188
aMath	Scale Score	KG	33	175	182	189
aMath	Scale Score	KG	34	175	182	189
aMath	Scale Score	KG	35	175	183	189
aMath	Scale Score	KG	36	176	183	189
aMath	Scale Score	KG	37	176	183	189
aMath	Scale Score	KG	38	176	184	190
aMath	Scale Score	KG	39	176	184	190
aMath	Scale Score	KG	40	177	184	190
aMath	Scale Score	KG	41	177	185	190
aMath	Scale Score	KG	42	177	185	190

Table 33: Grade KG Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	KG	43	177	185	190
aMath	Scale Score	KG	44	178	186	190
aMath	Scale Score	KG	45	178	186	190
aMath	Scale Score	KG	46	178	186	190
aMath	Scale Score	KG	47	179	186	190
aMath	Scale Score	KG	48	179	187	191
aMath	Scale Score	KG	49	179	187	191
aMath	Scale Score	KG	50	179	187	191
aMath	Scale Score	KG	51	180	187	191
aMath	Scale Score	KG	52	180	187	191
aMath	Scale Score	KG	53	180	187	191
aMath	Scale Score	KG	54	180	188	191
aMath	Scale Score	KG	55	180	188	191
aMath	Scale Score	KG	56	180	188	191
aMath	Scale Score	KG	57	181	188	192
aMath	Scale Score	KG	58	181	188	192
aMath	Scale Score	KG	59	181	189	192
aMath	Scale Score	KG	60	181	189	192
aMath	Scale Score	KG	61	181	189	193
aMath	Scale Score	KG	62	181	189	193
aMath	Scale Score	KG	63	182	190	193
aMath	Scale Score	KG	64	182	190	193
aMath	Scale Score	KG	65	182	190	194
aMath	Scale Score	KG	66	183	190	194
aMath	Scale Score	KG	67	183	190	194
aMath	Scale Score	KG	68	183	190	194
aMath	Scale Score	KG	69	184	191	194
aMath	Scale Score	KG	70	184	191	195
aMath	Scale Score	KG	71	184	191	195
aMath	Scale Score	KG	72	185	191	195
aMath	Scale Score	KG	73	185	192	196
aMath	Scale Score	KG	74	186	192	196
aMath	Scale Score	KG	75	186	193	196
aMath	Scale Score	KG	76	186	193	196
aMath	Scale Score	KG	77	187	193	197
aMath	Scale Score	KG	78	187	194	197
aMath	Scale Score	KG	79	188	194	197
aMath	Scale Score	KG	80	188	195	198
aMath	Scale Score	KG	81	188	195	198
aMath	Scale Score	KG	82	189	195	198
aMath	Scale Score	KG	83	189	196	198
aMath	Scale Score	KG	84	189	196	199

Table 33: Grade KG Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	KG	85	190	196	199
aMath	Scale Score	KG	86	190	196	199
aMath	Scale Score	KG	87	190	197	200
aMath	Scale Score	KG	88	191	197	200
aMath	Scale Score	KG	89	191	198	200
aMath	Scale Score	KG	90	192	199	200
aMath	Scale Score	KG	91	192	199	201
aMath	Scale Score	KG	92	192	200	201
aMath	Scale Score	KG	93	193	201	201
aMath	Scale Score	KG	94	194	202	202
aMath	Scale Score	KG	95	195	203	203
aMath	Scale Score	KG	96	195	203	203
aMath	Scale Score	KG	97	197	203	204
aMath	Scale Score	KG	98	199	204	204
aMath	Scale Score	KG	99	202	206	205

Table 34: Grade 1 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	1	1	167	176	179
aMath	Scale Score	1	2	173	180	183
aMath	Scale Score	1	3	176	182	184
aMath	Scale Score	1	4	178	183	186
aMath	Scale Score	1	5	179	184	187
aMath	Scale Score	1	6	180	185	187
aMath	Scale Score	1	7	180	185	188
aMath	Scale Score	1	8	181	186	188
aMath	Scale Score	1	9	181	186	188
aMath	Scale Score	1	10	181	187	189
aMath	Scale Score	1	11	182	187	189
aMath	Scale Score	1	12	182	187	189
aMath	Scale Score	1	13	182	187	190
aMath	Scale Score	1	14	182	187	190
aMath	Scale Score	1	15	183	188	191
aMath	Scale Score	1	16	183	188	191
aMath	Scale Score	1	17	183	188	191
aMath	Scale Score	1	18	183	189	192
aMath	Scale Score	1	19	183	189	192
aMath	Scale Score	1	20	184	189	192
aMath	Scale Score	1	21	184	189	193
aMath	Scale Score	1	22	184	190	193
aMath	Scale Score	1	23	184	190	193
aMath	Scale Score	1	24	184	190	194
aMath	Scale Score	1	25	185	190	194
aMath	Scale Score	1	26	185	190	194
aMath	Scale Score	1	27	185	191	195
aMath	Scale Score	1	28	185	191	195
aMath	Scale Score	1	29	186	191	196
aMath	Scale Score	1	30	186	191	196
aMath	Scale Score	1	31	186	192	196
aMath	Scale Score	1	32	186	192	197
aMath	Scale Score	1	33	187	192	197
aMath	Scale Score	1	34	187	192	197
aMath	Scale Score	1	35	187	192	197
aMath	Scale Score	1	36	187	193	197
aMath	Scale Score	1	37	188	193	197
aMath	Scale Score	1	38	188	193	197
aMath	Scale Score	1	39	188	194	198
aMath	Scale Score	1	40	188	194	198
aMath	Scale Score	1	41	188	194	198
aMath	Scale Score	1	42	189	194	198

Table 34: Grade 1 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	1	43	189	195	198
aMath	Scale Score	1	44	189	195	198
aMath	Scale Score	1	45	189	195	198
aMath	Scale Score	1	46	189	195	198
aMath	Scale Score	1	47	190	195	198
aMath	Scale Score	1	48	190	196	198
aMath	Scale Score	1	49	190	196	199
aMath	Scale Score	1	50	190	196	199
aMath	Scale Score	1	51	190	196	199
aMath	Scale Score	1	52	190	196	199
aMath	Scale Score	1	53	191	196	199
aMath	Scale Score	1	54	191	196	199
aMath	Scale Score	1	55	191	196	199
aMath	Scale Score	1	56	191	197	199
aMath	Scale Score	1	57	191	197	200
aMath	Scale Score	1	58	191	197	200
aMath	Scale Score	1	59	192	197	200
aMath	Scale Score	1	60	192	197	200
aMath	Scale Score	1	61	192	197	200
aMath	Scale Score	1	62	192	197	200
aMath	Scale Score	1	63	192	198	200
aMath	Scale Score	1	64	193	198	201
aMath	Scale Score	1	65	193	198	201
aMath	Scale Score	1	66	193	198	201
aMath	Scale Score	1	67	194	198	201
aMath	Scale Score	1	68	194	198	201
aMath	Scale Score	1	69	194	198	201
aMath	Scale Score	1	70	194	199	201
aMath	Scale Score	1	71	195	199	202
aMath	Scale Score	1	72	195	199	202
aMath	Scale Score	1	73	195	199	202
aMath	Scale Score	1	74	195	199	202
aMath	Scale Score	1	75	195	200	202
aMath	Scale Score	1	76	196	200	202
aMath	Scale Score	1	77	196	200	203
aMath	Scale Score	1	78	196	200	203
aMath	Scale Score	1	79	196	201	203
aMath	Scale Score	1	80	197	201	203
aMath	Scale Score	1	81	197	201	204
aMath	Scale Score	1	82	197	201	204
aMath	Scale Score	1	83	197	202	204
aMath	Scale Score	1	84	198	202	204

Table 34: Grade 1 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	1	85	198	202	205
aMath	Scale Score	1	86	198	202	205
aMath	Scale Score	1	87	198	202	205
aMath	Scale Score	1	88	199	203	206
aMath	Scale Score	1	89	199	203	206
aMath	Scale Score	1	90	199	204	206
aMath	Scale Score	1	91	200	204	206
aMath	Scale Score	1	92	200	205	207
aMath	Scale Score	1	93	200	205	207
aMath	Scale Score	1	94	201	206	207
aMath	Scale Score	1	95	201	206	208
aMath	Scale Score	1	96	202	207	208
aMath	Scale Score	1	97	203	207	209
aMath	Scale Score	1	98	205	208	210
aMath	Scale Score	1	99	207	209	211

Table 35: Grade 2 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	2	1	176	182	186
aMath	Scale Score	2	2	180	186	189
aMath	Scale Score	2	3	183	188	190
aMath	Scale Score	2	4	185	189	191
aMath	Scale Score	2	5	186	190	192
aMath	Scale Score	2	6	187	191	193
aMath	Scale Score	2	7	187	192	193
aMath	Scale Score	2	8	188	192	194
aMath	Scale Score	2	9	188	193	194
aMath	Scale Score	2	10	189	193	195
aMath	Scale Score	2	11	189	194	195
aMath	Scale Score	2	12	190	194	195
aMath	Scale Score	2	13	190	194	196
aMath	Scale Score	2	14	190	195	196
aMath	Scale Score	2	15	191	195	197
aMath	Scale Score	2	16	191	195	197
aMath	Scale Score	2	17	191	196	197
aMath	Scale Score	2	18	191	196	198
aMath	Scale Score	2	19	192	196	198
aMath	Scale Score	2	20	192	197	199
aMath	Scale Score	2	21	192	197	199
aMath	Scale Score	2	22	192	197	199
aMath	Scale Score	2	23	193	197	199
aMath	Scale Score	2	24	193	197	200
aMath	Scale Score	2	25	193	198	200
aMath	Scale Score	2	26	193	198	201
aMath	Scale Score	2	27	194	198	201
aMath	Scale Score	2	28	194	198	202
aMath	Scale Score	2	29	194	199	202
aMath	Scale Score	2	30	194	199	202
aMath	Scale Score	2	31	195	199	203
aMath	Scale Score	2	32	195	199	203
aMath	Scale Score	2	33	195	199	203
aMath	Scale Score	2	34	196	199	204
aMath	Scale Score	2	35	196	200	204
aMath	Scale Score	2	36	196	200	204
aMath	Scale Score	2	37	196	200	204
aMath	Scale Score	2	38	196	200	204
aMath	Scale Score	2	39	197	201	204
aMath	Scale Score	2	40	197	201	205
aMath	Scale Score	2	41	197	201	205
aMath	Scale Score	2	42	197	202	205

Table 35: Grade 2 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	2	43	197	202	205
aMath	Scale Score	2	44	198	202	205
aMath	Scale Score	2	45	198	202	205
aMath	Scale Score	2	46	198	203	205
aMath	Scale Score	2	47	198	203	205
aMath	Scale Score	2	48	198	203	206
aMath	Scale Score	2	49	199	203	206
aMath	Scale Score	2	50	199	204	206
aMath	Scale Score	2	51	199	204	206
aMath	Scale Score	2	52	199	204	206
aMath	Scale Score	2	53	199	204	206
aMath	Scale Score	2	54	199	204	206
aMath	Scale Score	2	55	200	204	207
aMath	Scale Score	2	56	200	204	207
aMath	Scale Score	2	57	200	204	207
aMath	Scale Score	2	58	200	205	207
aMath	Scale Score	2	59	200	205	207
aMath	Scale Score	2	60	201	205	207
aMath	Scale Score	2	61	201	205	208
aMath	Scale Score	2	62	201	205	208
aMath	Scale Score	2	63	201	205	208
aMath	Scale Score	2	64	202	205	208
aMath	Scale Score	2	65	202	205	208
aMath	Scale Score	2	66	202	206	208
aMath	Scale Score	2	67	203	206	208
aMath	Scale Score	2	68	203	206	209
aMath	Scale Score	2	69	203	206	209
aMath	Scale Score	2	70	203	206	209
aMath	Scale Score	2	71	203	206	209
aMath	Scale Score	2	72	204	207	209
aMath	Scale Score	2	73	204	207	209
aMath	Scale Score	2	74	204	207	209
aMath	Scale Score	2	75	204	207	210
aMath	Scale Score	2	76	204	207	210
aMath	Scale Score	2	77	205	208	210
aMath	Scale Score	2	78	205	208	210
aMath	Scale Score	2	79	205	208	210
aMath	Scale Score	2	80	205	208	211
aMath	Scale Score	2	81	205	208	211
aMath	Scale Score	2	82	205	209	211
aMath	Scale Score	2	83	206	209	212
aMath	Scale Score	2	84	206	209	212

Table 35: Grade 2 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	2	85	206	209	212
aMath	Scale Score	2	86	206	209	212
aMath	Scale Score	2	87	207	210	213
aMath	Scale Score	2	88	207	210	213
aMath	Scale Score	2	89	207	210	213
aMath	Scale Score	2	90	207	211	214
aMath	Scale Score	2	91	208	211	214
aMath	Scale Score	2	92	208	212	214
aMath	Scale Score	2	93	208	212	214
aMath	Scale Score	2	94	209	213	215
aMath	Scale Score	2	95	209	213	215
aMath	Scale Score	2	96	210	214	215
aMath	Scale Score	2	97	211	214	216
aMath	Scale Score	2	98	212	215	216
aMath	Scale Score	2	99	214	216	217

Table 36: Grade 3 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	3	1	184	188	189
aMath	Scale Score	3	2	188	190	191
aMath	Scale Score	3	3	190	192	193
aMath	Scale Score	3	4	191	193	194
aMath	Scale Score	3	5	192	193	194
aMath	Scale Score	3	6	193	194	195
aMath	Scale Score	3	7	193	195	196
aMath	Scale Score	3	8	193	195	197
aMath	Scale Score	3	9	194	196	197
aMath	Scale Score	3	10	194	196	198
aMath	Scale Score	3	11	195	196	198
aMath	Scale Score	3	12	195	197	199
aMath	Scale Score	3	13	195	197	199
aMath	Scale Score	3	14	196	198	200
aMath	Scale Score	3	15	196	198	201
aMath	Scale Score	3	16	197	199	202
aMath	Scale Score	3	17	197	199	203
aMath	Scale Score	3	18	197	199	203
aMath	Scale Score	3	19	197	200	204
aMath	Scale Score	3	20	198	201	204
aMath	Scale Score	3	21	198	201	205
aMath	Scale Score	3	22	198	202	205
aMath	Scale Score	3	23	199	203	205
aMath	Scale Score	3	24	199	203	206
aMath	Scale Score	3	25	199	204	206
aMath	Scale Score	3	26	199	204	206
aMath	Scale Score	3	27	200	204	206
aMath	Scale Score	3	28	200	205	207
aMath	Scale Score	3	29	200	205	207
aMath	Scale Score	3	30	201	205	207
aMath	Scale Score	3	31	201	205	208
aMath	Scale Score	3	32	202	206	208
aMath	Scale Score	3	33	202	206	208
aMath	Scale Score	3	34	203	206	208
aMath	Scale Score	3	35	203	206	208
aMath	Scale Score	3	36	203	207	209
aMath	Scale Score	3	37	204	207	209
aMath	Scale Score	3	38	204	207	209
aMath	Scale Score	3	39	204	207	209
aMath	Scale Score	3	40	204	207	209
aMath	Scale Score	3	41	204	208	209
aMath	Scale Score	3	42	205	208	209

Table 36: Grade 3 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	3	43	205	208	209
aMath	Scale Score	3	44	205	208	210
aMath	Scale Score	3	45	205	208	210
aMath	Scale Score	3	46	205	208	210
aMath	Scale Score	3	47	205	208	210
aMath	Scale Score	3	48	206	209	210
aMath	Scale Score	3	49	206	209	210
aMath	Scale Score	3	50	206	209	211
aMath	Scale Score	3	51	206	209	211
aMath	Scale Score	3	52	206	209	211
aMath	Scale Score	3	53	206	209	212
aMath	Scale Score	3	54	206	209	212
aMath	Scale Score	3	55	207	209	212
aMath	Scale Score	3	56	207	210	212
aMath	Scale Score	3	57	207	210	213
aMath	Scale Score	3	58	207	210	213
aMath	Scale Score	3	59	207	210	213
aMath	Scale Score	3	60	207	210	213
aMath	Scale Score	3	61	208	210	213
aMath	Scale Score	3	62	208	211	214
aMath	Scale Score	3	63	208	211	214
aMath	Scale Score	3	64	208	211	214
aMath	Scale Score	3	65	208	211	214
aMath	Scale Score	3	66	208	211	215
aMath	Scale Score	3	67	208	212	215
aMath	Scale Score	3	68	209	212	215
aMath	Scale Score	3	69	209	212	215
aMath	Scale Score	3	70	209	213	215
aMath	Scale Score	3	71	209	213	215
aMath	Scale Score	3	72	209	213	216
aMath	Scale Score	3	73	209	213	216
aMath	Scale Score	3	74	209	213	216
aMath	Scale Score	3	75	209	213	216
aMath	Scale Score	3	76	210	214	216
aMath	Scale Score	3	77	210	214	216
aMath	Scale Score	3	78	210	214	217
aMath	Scale Score	3	79	210	214	217
aMath	Scale Score	3	80	210	214	217
aMath	Scale Score	3	81	211	214	217
aMath	Scale Score	3	82	211	214	217
aMath	Scale Score	3	83	211	215	217
aMath	Scale Score	3	84	212	215	217

Table 36: Grade 3 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	3	85	212	215	218
aMath	Scale Score	3	86	212	215	218
aMath	Scale Score	3	87	213	215	218
aMath	Scale Score	3	88	213	215	218
aMath	Scale Score	3	89	213	215	218
aMath	Scale Score	3	90	213	216	219
aMath	Scale Score	3	91	214	216	219
aMath	Scale Score	3	92	214	216	219
aMath	Scale Score	3	93	214	216	219
aMath	Scale Score	3	94	215	217	220
aMath	Scale Score	3	95	215	217	220
aMath	Scale Score	3	96	215	217	221
aMath	Scale Score	3	97	216	218	222
aMath	Scale Score	3	98	217	218	224
aMath	Scale Score	3	99	217	219	226

Table 37: Grade 4 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	4	1	187	190	191
aMath	Scale Score	4	2	190	193	193
aMath	Scale Score	4	3	192	194	194
aMath	Scale Score	4	4	193	195	196
aMath	Scale Score	4	5	194	196	197
aMath	Scale Score	4	6	195	197	197
aMath	Scale Score	4	7	196	197	198
aMath	Scale Score	4	8	196	198	199
aMath	Scale Score	4	9	197	198	200
aMath	Scale Score	4	10	197	199	202
aMath	Scale Score	4	11	198	200	203
aMath	Scale Score	4	12	199	202	204
aMath	Scale Score	4	13	199	202	204
aMath	Scale Score	4	14	200	203	205
aMath	Scale Score	4	15	201	204	205
aMath	Scale Score	4	16	201	205	205
aMath	Scale Score	4	17	202	205	206
aMath	Scale Score	4	18	203	205	206
aMath	Scale Score	4	19	204	206	206
aMath	Scale Score	4	20	204	206	207
aMath	Scale Score	4	21	204	206	207
aMath	Scale Score	4	22	205	206	208
aMath	Scale Score	4	23	205	207	208
aMath	Scale Score	4	24	205	207	208
aMath	Scale Score	4	25	206	207	209
aMath	Scale Score	4	26	206	208	209
aMath	Scale Score	4	27	206	208	209
aMath	Scale Score	4	28	206	208	209
aMath	Scale Score	4	29	207	208	210
aMath	Scale Score	4	30	207	209	210
aMath	Scale Score	4	31	207	209	210
aMath	Scale Score	4	32	207	209	210
aMath	Scale Score	4	33	208	209	211
aMath	Scale Score	4	34	208	209	211
aMath	Scale Score	4	35	208	210	211
aMath	Scale Score	4	36	208	210	212
aMath	Scale Score	4	37	208	210	212
aMath	Scale Score	4	38	208	210	212
aMath	Scale Score	4	39	209	210	213
aMath	Scale Score	4	40	209	211	213
aMath	Scale Score	4	41	209	211	213
aMath	Scale Score	4	42	209	211	214

Table 37: Grade 4 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	4	43	209	212	214
aMath	Scale Score	4	44	209	212	214
aMath	Scale Score	4	45	209	212	215
aMath	Scale Score	4	46	210	213	215
aMath	Scale Score	4	47	210	213	215
aMath	Scale Score	4	48	210	213	216
aMath	Scale Score	4	49	210	213	216
aMath	Scale Score	4	50	210	213	216
aMath	Scale Score	4	51	210	214	216
aMath	Scale Score	4	52	210	214	217
aMath	Scale Score	4	53	211	214	217
aMath	Scale Score	4	54	211	214	217
aMath	Scale Score	4	55	211	214	218
aMath	Scale Score	4	56	211	215	218
aMath	Scale Score	4	57	212	215	218
aMath	Scale Score	4	58	212	215	218
aMath	Scale Score	4	59	212	215	219
aMath	Scale Score	4	60	212	215	219
aMath	Scale Score	4	61	213	215	219
aMath	Scale Score	4	62	213	216	219
aMath	Scale Score	4	63	213	216	220
aMath	Scale Score	4	64	213	216	220
aMath	Scale Score	4	65	213	216	220
aMath	Scale Score	4	66	214	216	221
aMath	Scale Score	4	67	214	216	221
aMath	Scale Score	4	68	214	217	221
aMath	Scale Score	4	69	214	217	221
aMath	Scale Score	4	70	214	217	222
aMath	Scale Score	4	71	215	217	222
aMath	Scale Score	4	72	215	217	222
aMath	Scale Score	4	73	215	217	222
aMath	Scale Score	4	74	215	217	222
aMath	Scale Score	4	75	215	217	223
aMath	Scale Score	4	76	215	218	223
aMath	Scale Score	4	77	216	218	223
aMath	Scale Score	4	78	216	218	224
aMath	Scale Score	4	79	216	218	224
aMath	Scale Score	4	80	216	218	224
aMath	Scale Score	4	81	216	219	225
aMath	Scale Score	4	82	216	219	225
aMath	Scale Score	4	83	217	219	225
aMath	Scale Score	4	84	217	219	226

Table 37: Grade 4 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	4	85	217	220	226
aMath	Scale Score	4	86	217	220	226
aMath	Scale Score	4	87	217	220	227
aMath	Scale Score	4	88	217	220	227
aMath	Scale Score	4	89	218	221	228
aMath	Scale Score	4	90	218	221	228
aMath	Scale Score	4	91	218	221	228
aMath	Scale Score	4	92	218	222	229
aMath	Scale Score	4	93	219	222	229
aMath	Scale Score	4	94	219	223	230
aMath	Scale Score	4	95	220	224	230
aMath	Scale Score	4	96	220	225	231
aMath	Scale Score	4	97	221	226	232
aMath	Scale Score	4	98	222	227	233
aMath	Scale Score	4	99	225	230	234

Table 38: Grade 5 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	5	1	192	193	194
aMath	Scale Score	5	2	194	195	196
aMath	Scale Score	5	3	195	197	197
aMath	Scale Score	5	4	196	198	198
aMath	Scale Score	5	5	197	199	200
aMath	Scale Score	5	6	198	200	201
aMath	Scale Score	5	7	199	202	203
aMath	Scale Score	5	8	200	204	204
aMath	Scale Score	5	9	202	204	205
aMath	Scale Score	5	10	203	205	205
aMath	Scale Score	5	11	204	205	206
aMath	Scale Score	5	12	204	206	206
aMath	Scale Score	5	13	205	206	207
aMath	Scale Score	5	14	205	206	207
aMath	Scale Score	5	15	206	207	208
aMath	Scale Score	5	16	206	207	208
aMath	Scale Score	5	17	206	207	208
aMath	Scale Score	5	18	207	208	209
aMath	Scale Score	5	19	207	208	209
aMath	Scale Score	5	20	207	209	210
aMath	Scale Score	5	21	208	209	210
aMath	Scale Score	5	22	208	209	210
aMath	Scale Score	5	23	208	210	211
aMath	Scale Score	5	24	209	210	211
aMath	Scale Score	5	25	209	210	212
aMath	Scale Score	5	26	209	211	213
aMath	Scale Score	5	27	209	211	213
aMath	Scale Score	5	28	210	212	214
aMath	Scale Score	5	29	210	212	214
aMath	Scale Score	5	30	210	212	214
aMath	Scale Score	5	31	210	213	215
aMath	Scale Score	5	32	211	213	215
aMath	Scale Score	5	33	211	214	216
aMath	Scale Score	5	34	211	214	216
aMath	Scale Score	5	35	212	214	216
aMath	Scale Score	5	36	212	215	217
aMath	Scale Score	5	37	212	215	217
aMath	Scale Score	5	38	212	215	218
aMath	Scale Score	5	39	213	216	218
aMath	Scale Score	5	40	213	216	218
aMath	Scale Score	5	41	213	216	219
aMath	Scale Score	5	42	214	216	219

Table 38: Grade 5 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	5	43	214	217	220
aMath	Scale Score	5	44	214	217	220
aMath	Scale Score	5	45	214	217	220
aMath	Scale Score	5	46	215	218	221
aMath	Scale Score	5	47	215	218	221
aMath	Scale Score	5	48	215	218	221
aMath	Scale Score	5	49	215	219	222
aMath	Scale Score	5	50	216	219	222
aMath	Scale Score	5	51	216	219	222
aMath	Scale Score	5	52	216	220	222
aMath	Scale Score	5	53	216	220	223
aMath	Scale Score	5	54	216	220	223
aMath	Scale Score	5	55	217	221	223
aMath	Scale Score	5	56	217	221	224
aMath	Scale Score	5	57	217	221	224
aMath	Scale Score	5	58	217	222	225
aMath	Scale Score	5	59	218	222	225
aMath	Scale Score	5	60	218	222	226
aMath	Scale Score	5	61	218	222	226
aMath	Scale Score	5	62	218	223	226
aMath	Scale Score	5	63	219	223	227
aMath	Scale Score	5	64	219	223	227
aMath	Scale Score	5	65	219	223	227
aMath	Scale Score	5	66	219	223	228
aMath	Scale Score	5	67	220	224	228
aMath	Scale Score	5	68	220	224	228
aMath	Scale Score	5	69	220	224	229
aMath	Scale Score	5	70	220	225	229
aMath	Scale Score	5	71	221	225	229
aMath	Scale Score	5	72	221	225	230
aMath	Scale Score	5	73	221	226	230
aMath	Scale Score	5	74	221	226	230
aMath	Scale Score	5	75	222	226	231
aMath	Scale Score	5	76	222	227	231
aMath	Scale Score	5	77	222	227	231
aMath	Scale Score	5	78	222	227	231
aMath	Scale Score	5	79	223	227	232
aMath	Scale Score	5	80	223	228	232
aMath	Scale Score	5	81	223	228	232
aMath	Scale Score	5	82	224	228	232
aMath	Scale Score	5	83	224	229	233
aMath	Scale Score	5	84	224	229	233

Table 38: Grade 5 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	5	85	225	229	233
aMath	Scale Score	5	86	225	230	233
aMath	Scale Score	5	87	226	230	233
aMath	Scale Score	5	88	226	230	234
aMath	Scale Score	5	89	227	230	234
aMath	Scale Score	5	90	227	231	234
aMath	Scale Score	5	91	227	231	235
aMath	Scale Score	5	92	228	232	235
aMath	Scale Score	5	93	228	232	235
aMath	Scale Score	5	94	229	233	236
aMath	Scale Score	5	95	230	233	236
aMath	Scale Score	5	96	230	234	237
aMath	Scale Score	5	97	231	234	237
aMath	Scale Score	5	98	232	235	238
aMath	Scale Score	5	99	234	237	239

Table 39: Grade 6 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	6	1	193	194	193
aMath	Scale Score	6	2	195	196	196
aMath	Scale Score	6	3	196	198	198
aMath	Scale Score	6	4	198	199	199
aMath	Scale Score	6	5	199	200	201
aMath	Scale Score	6	6	200	202	202
aMath	Scale Score	6	7	201	204	204
aMath	Scale Score	6	8	202	204	205
aMath	Scale Score	6	9	203	205	205
aMath	Scale Score	6	10	204	205	205
aMath	Scale Score	6	11	205	206	206
aMath	Scale Score	6	12	205	206	206
aMath	Scale Score	6	13	206	206	207
aMath	Scale Score	6	14	206	207	207
aMath	Scale Score	6	15	206	207	208
aMath	Scale Score	6	16	206	208	208
aMath	Scale Score	6	17	207	208	209
aMath	Scale Score	6	18	207	208	209
aMath	Scale Score	6	19	208	209	209
aMath	Scale Score	6	20	208	209	210
aMath	Scale Score	6	21	208	209	210
aMath	Scale Score	6	22	209	210	211
aMath	Scale Score	6	23	209	210	212
aMath	Scale Score	6	24	209	211	212
aMath	Scale Score	6	25	210	211	213
aMath	Scale Score	6	26	210	212	214
aMath	Scale Score	6	27	210	212	214
aMath	Scale Score	6	28	211	213	215
aMath	Scale Score	6	29	211	214	215
aMath	Scale Score	6	30	212	214	216
aMath	Scale Score	6	31	212	215	216
aMath	Scale Score	6	32	213	215	217
aMath	Scale Score	6	33	213	215	217
aMath	Scale Score	6	34	213	216	217
aMath	Scale Score	6	35	214	216	218
aMath	Scale Score	6	36	214	217	218
aMath	Scale Score	6	37	214	217	219
aMath	Scale Score	6	38	215	218	219
aMath	Scale Score	6	39	215	218	220
aMath	Scale Score	6	40	215	219	220
aMath	Scale Score	6	41	216	219	221
aMath	Scale Score	6	42	216	219	221

Table 39: Grade 6 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	6	43	216	220	221
aMath	Scale Score	6	44	217	220	222
aMath	Scale Score	6	45	217	221	222
aMath	Scale Score	6	46	218	221	222
aMath	Scale Score	6	47	218	221	222
aMath	Scale Score	6	48	218	222	223
aMath	Scale Score	6	49	218	222	223
aMath	Scale Score	6	50	219	222	223
aMath	Scale Score	6	51	219	222	224
aMath	Scale Score	6	52	219	223	224
aMath	Scale Score	6	53	220	223	224
aMath	Scale Score	6	54	220	223	225
aMath	Scale Score	6	55	220	223	225
aMath	Scale Score	6	56	220	224	225
aMath	Scale Score	6	57	221	224	226
aMath	Scale Score	6	58	221	224	226
aMath	Scale Score	6	59	221	225	227
aMath	Scale Score	6	60	221	225	227
aMath	Scale Score	6	61	222	226	227
aMath	Scale Score	6	62	222	226	228
aMath	Scale Score	6	63	222	226	228
aMath	Scale Score	6	64	222	227	229
aMath	Scale Score	6	65	223	227	229
aMath	Scale Score	6	66	223	227	230
aMath	Scale Score	6	67	223	228	230
aMath	Scale Score	6	68	223	228	231
aMath	Scale Score	6	69	224	228	231
aMath	Scale Score	6	70	224	229	231
aMath	Scale Score	6	71	224	229	232
aMath	Scale Score	6	72	225	229	232
aMath	Scale Score	6	73	225	230	232
aMath	Scale Score	6	74	225	230	233
aMath	Scale Score	6	75	226	231	233
aMath	Scale Score	6	76	226	231	233
aMath	Scale Score	6	77	227	231	234
aMath	Scale Score	6	78	227	232	234
aMath	Scale Score	6	79	227	232	234
aMath	Scale Score	6	80	228	232	234
aMath	Scale Score	6	81	228	233	235
aMath	Scale Score	6	82	228	233	235
aMath	Scale Score	6	83	229	233	235
aMath	Scale Score	6	84	229	233	236

Table 39: Grade 6 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	6	85	230	234	236
aMath	Scale Score	6	86	230	234	236
aMath	Scale Score	6	87	231	234	236
aMath	Scale Score	6	88	231	234	237
aMath	Scale Score	6	89	232	235	237
aMath	Scale Score	6	90	232	235	237
aMath	Scale Score	6	91	232	235	238
aMath	Scale Score	6	92	233	236	238
aMath	Scale Score	6	93	233	236	238
aMath	Scale Score	6	94	234	236	239
aMath	Scale Score	6	95	234	237	239
aMath	Scale Score	6	96	235	237	240
aMath	Scale Score	6	97	236	238	240
aMath	Scale Score	6	98	237	239	241
aMath	Scale Score	6	99	238	240	243

Table 40: Grade 7 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	7	1	194	195	195
aMath	Scale Score	7	2	197	197	197
aMath	Scale Score	7	3	199	199	199
aMath	Scale Score	7	4	201	201	201
aMath	Scale Score	7	5	203	204	204
aMath	Scale Score	7	6	205	205	205
aMath	Scale Score	7	7	205	205	205
aMath	Scale Score	7	8	206	206	206
aMath	Scale Score	7	9	206	206	206
aMath	Scale Score	7	10	206	207	207
aMath	Scale Score	7	11	207	208	208
aMath	Scale Score	7	12	208	208	208
aMath	Scale Score	7	13	208	209	209
aMath	Scale Score	7	14	209	209	209
aMath	Scale Score	7	15	209	210	210
aMath	Scale Score	7	16	210	210	210
aMath	Scale Score	7	17	210	211	211
aMath	Scale Score	7	18	211	211	212
aMath	Scale Score	7	19	211	212	212
aMath	Scale Score	7	20	212	213	213
aMath	Scale Score	7	21	212	214	214
aMath	Scale Score	7	22	213	214	214
aMath	Scale Score	7	23	214	215	215
aMath	Scale Score	7	24	214	215	215
aMath	Scale Score	7	25	215	216	216
aMath	Scale Score	7	26	215	216	216
aMath	Scale Score	7	27	215	217	217
aMath	Scale Score	7	28	216	217	217
aMath	Scale Score	7	29	216	218	218
aMath	Scale Score	7	30	217	218	218
aMath	Scale Score	7	31	217	219	219
aMath	Scale Score	7	32	217	219	219
aMath	Scale Score	7	33	218	220	220
aMath	Scale Score	7	34	218	220	220
aMath	Scale Score	7	35	219	220	221
aMath	Scale Score	7	36	219	221	221
aMath	Scale Score	7	37	219	221	222
aMath	Scale Score	7	38	220	222	222
aMath	Scale Score	7	39	220	222	222
aMath	Scale Score	7	40	220	222	222
aMath	Scale Score	7	41	221	222	223
aMath	Scale Score	7	42	221	223	223

Table 40: Grade 7 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	7	43	221	223	223
aMath	Scale Score	7	44	222	223	223
aMath	Scale Score	7	45	222	223	224
aMath	Scale Score	7	46	222	224	224
aMath	Scale Score	7	47	222	224	224
aMath	Scale Score	7	48	223	224	225
aMath	Scale Score	7	49	223	225	225
aMath	Scale Score	7	50	223	225	225
aMath	Scale Score	7	51	223	226	226
aMath	Scale Score	7	52	224	226	226
aMath	Scale Score	7	53	224	226	227
aMath	Scale Score	7	54	224	227	227
aMath	Scale Score	7	55	224	227	227
aMath	Scale Score	7	56	225	227	228
aMath	Scale Score	7	57	225	228	228
aMath	Scale Score	7	58	226	228	229
aMath	Scale Score	7	59	226	229	230
aMath	Scale Score	7	60	227	230	230
aMath	Scale Score	7	61	227	230	230
aMath	Scale Score	7	62	227	230	231
aMath	Scale Score	7	63	228	231	231
aMath	Scale Score	7	64	228	231	231
aMath	Scale Score	7	65	229	231	232
aMath	Scale Score	7	66	229	232	232
aMath	Scale Score	7	67	229	232	232
aMath	Scale Score	7	68	230	232	233
aMath	Scale Score	7	69	230	233	233
aMath	Scale Score	7	70	231	233	233
aMath	Scale Score	7	71	231	233	234
aMath	Scale Score	7	72	231	234	234
aMath	Scale Score	7	73	232	234	234
aMath	Scale Score	7	74	232	234	234
aMath	Scale Score	7	75	232	234	235
aMath	Scale Score	7	76	233	235	235
aMath	Scale Score	7	77	233	235	235
aMath	Scale Score	7	78	233	235	236
aMath	Scale Score	7	79	233	235	236
aMath	Scale Score	7	80	234	236	236
aMath	Scale Score	7	81	234	236	236
aMath	Scale Score	7	82	234	236	237
aMath	Scale Score	7	83	235	236	237
aMath	Scale Score	7	84	235	237	237

Table 40: Grade 7 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	7	85	235	237	238
aMath	Scale Score	7	86	236	237	238
aMath	Scale Score	7	87	236	237	238
aMath	Scale Score	7	88	236	238	238
aMath	Scale Score	7	89	237	238	239
aMath	Scale Score	7	90	237	238	239
aMath	Scale Score	7	91	237	239	240
aMath	Scale Score	7	92	237	239	240
aMath	Scale Score	7	93	238	240	241
aMath	Scale Score	7	94	238	240	241
aMath	Scale Score	7	95	239	241	242
aMath	Scale Score	7	96	240	242	243
aMath	Scale Score	7	97	241	243	244
aMath	Scale Score	7	98	242	244	245
aMath	Scale Score	7	99	244	246	247

Table 41: Grade 8 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	8	1	195	196	196
aMath	Scale Score	8	2	198	199	199
aMath	Scale Score	8	3	202	202	202
aMath	Scale Score	8	4	204	205	205
aMath	Scale Score	8	5	205	206	206
aMath	Scale Score	8	6	206	206	207
aMath	Scale Score	8	7	206	207	207
aMath	Scale Score	8	8	207	207	208
aMath	Scale Score	8	9	208	208	209
aMath	Scale Score	8	10	209	209	209
aMath	Scale Score	8	11	209	210	210
aMath	Scale Score	8	12	210	210	211
aMath	Scale Score	8	13	210	211	211
aMath	Scale Score	8	14	211	212	212
aMath	Scale Score	8	15	211	213	213
aMath	Scale Score	8	16	212	214	214
aMath	Scale Score	8	17	213	214	215
aMath	Scale Score	8	18	214	215	215
aMath	Scale Score	8	19	214	216	216
aMath	Scale Score	8	20	215	216	217
aMath	Scale Score	8	21	215	217	217
aMath	Scale Score	8	22	216	217	218
aMath	Scale Score	8	23	216	218	218
aMath	Scale Score	8	24	217	218	219
aMath	Scale Score	8	25	217	219	219
aMath	Scale Score	8	26	218	219	220
aMath	Scale Score	8	27	218	220	220
aMath	Scale Score	8	28	219	220	221
aMath	Scale Score	8	29	219	221	221
aMath	Scale Score	8	30	220	221	222
aMath	Scale Score	8	31	220	221	222
aMath	Scale Score	8	32	220	222	222
aMath	Scale Score	8	33	221	222	223
aMath	Scale Score	8	34	221	222	223
aMath	Scale Score	8	35	221	223	223
aMath	Scale Score	8	36	222	223	223
aMath	Scale Score	8	37	222	223	224
aMath	Scale Score	8	38	222	223	224
aMath	Scale Score	8	39	222	224	224
aMath	Scale Score	8	40	223	224	224
aMath	Scale Score	8	41	223	224	225
aMath	Scale Score	8	42	223	225	225

Table 41: Grade 8 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	8	43	223	225	226
aMath	Scale Score	8	44	224	226	226
aMath	Scale Score	8	45	224	226	226
aMath	Scale Score	8	46	224	226	227
aMath	Scale Score	8	47	225	227	227
aMath	Scale Score	8	48	225	227	228
aMath	Scale Score	8	49	226	228	228
aMath	Scale Score	8	50	226	228	229
aMath	Scale Score	8	51	226	228	229
aMath	Scale Score	8	52	227	229	230
aMath	Scale Score	8	53	227	230	230
aMath	Scale Score	8	54	227	230	231
aMath	Scale Score	8	55	228	230	231
aMath	Scale Score	8	56	228	231	231
aMath	Scale Score	8	57	229	231	232
aMath	Scale Score	8	58	229	231	232
aMath	Scale Score	8	59	230	232	232
aMath	Scale Score	8	60	230	232	232
aMath	Scale Score	8	61	231	232	233
aMath	Scale Score	8	62	231	233	233
aMath	Scale Score	8	63	231	233	233
aMath	Scale Score	8	64	232	233	233
aMath	Scale Score	8	65	232	233	234
aMath	Scale Score	8	66	232	234	234
aMath	Scale Score	8	67	233	234	234
aMath	Scale Score	8	68	233	234	235
aMath	Scale Score	8	69	233	234	235
aMath	Scale Score	8	70	233	235	235
aMath	Scale Score	8	71	234	235	235
aMath	Scale Score	8	72	234	235	236
aMath	Scale Score	8	73	234	235	236
aMath	Scale Score	8	74	235	236	236
aMath	Scale Score	8	75	235	236	236
aMath	Scale Score	8	76	235	236	237
aMath	Scale Score	8	77	235	237	237
aMath	Scale Score	8	78	236	237	237
aMath	Scale Score	8	79	236	237	238
aMath	Scale Score	8	80	236	237	238
aMath	Scale Score	8	81	236	238	238
aMath	Scale Score	8	82	237	238	238
aMath	Scale Score	8	83	237	238	239
aMath	Scale Score	8	84	237	238	239

Table 41: Grade 8 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	8	85	237	239	240
aMath	Scale Score	8	86	238	239	240
aMath	Scale Score	8	87	238	239	240
aMath	Scale Score	8	88	238	240	241
aMath	Scale Score	8	89	239	240	241
aMath	Scale Score	8	90	239	241	241
aMath	Scale Score	8	91	240	241	242
aMath	Scale Score	8	92	240	242	242
aMath	Scale Score	8	93	241	242	243
aMath	Scale Score	8	94	242	243	244
aMath	Scale Score	8	95	242	244	244
aMath	Scale Score	8	96	243	244	245
aMath	Scale Score	8	97	244	245	246
aMath	Scale Score	8	98	246	247	247
aMath	Scale Score	8	99	247	248	249

Table 42: Grade 9 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	9	1	195	196	197
aMath	Scale Score	9	2	199	199	200
aMath	Scale Score	9	3	201	202	202
aMath	Scale Score	9	4	203	204	204
aMath	Scale Score	9	5	204	205	206
aMath	Scale Score	9	6	206	206	207
aMath	Scale Score	9	7	207	207	208
aMath	Scale Score	9	8	207	208	209
aMath	Scale Score	9	9	208	209	210
aMath	Scale Score	9	10	209	210	210
aMath	Scale Score	9	11	209	210	211
aMath	Scale Score	9	12	210	211	211
aMath	Scale Score	9	13	211	211	212
aMath	Scale Score	9	14	211	212	213
aMath	Scale Score	9	15	212	213	213
aMath	Scale Score	9	16	212	213	214
aMath	Scale Score	9	17	213	214	215
aMath	Scale Score	9	18	214	215	215
aMath	Scale Score	9	19	214	215	216
aMath	Scale Score	9	20	215	216	216
aMath	Scale Score	9	21	215	216	217
aMath	Scale Score	9	22	216	217	218
aMath	Scale Score	9	23	216	217	218
aMath	Scale Score	9	24	217	218	219
aMath	Scale Score	9	25	218	219	219
aMath	Scale Score	9	26	218	219	220
aMath	Scale Score	9	27	218	219	220
aMath	Scale Score	9	28	219	220	221
aMath	Scale Score	9	29	219	220	221
aMath	Scale Score	9	30	220	221	221
aMath	Scale Score	9	31	220	221	222
aMath	Scale Score	9	32	221	221	222
aMath	Scale Score	9	33	221	222	223
aMath	Scale Score	9	34	222	222	223
aMath	Scale Score	9	35	222	223	223
aMath	Scale Score	9	36	222	223	224
aMath	Scale Score	9	37	223	223	224
aMath	Scale Score	9	38	223	224	224
aMath	Scale Score	9	39	224	224	225
aMath	Scale Score	9	40	224	224	225
aMath	Scale Score	9	41	224	225	226
aMath	Scale Score	9	42	225	225	226

Table 42: Grade 9 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	9	43	225	226	226
aMath	Scale Score	9	44	225	226	227
aMath	Scale Score	9	45	226	226	227
aMath	Scale Score	9	46	226	227	227
aMath	Scale Score	9	47	227	227	228
aMath	Scale Score	9	48	227	228	228
aMath	Scale Score	9	49	227	228	229
aMath	Scale Score	9	50	228	228	229
aMath	Scale Score	9	51	228	229	230
aMath	Scale Score	9	52	229	229	230
aMath	Scale Score	9	53	229	230	230
aMath	Scale Score	9	54	229	230	231
aMath	Scale Score	9	55	230	231	231
aMath	Scale Score	9	56	230	231	232
aMath	Scale Score	9	57	231	231	232
aMath	Scale Score	9	58	231	232	232
aMath	Scale Score	9	59	231	232	233
aMath	Scale Score	9	60	232	232	233
aMath	Scale Score	9	61	232	233	234
aMath	Scale Score	9	62	232	233	234
aMath	Scale Score	9	63	233	234	235
aMath	Scale Score	9	64	233	234	235
aMath	Scale Score	9	65	234	234	235
aMath	Scale Score	9	66	234	235	236
aMath	Scale Score	9	67	234	235	236
aMath	Scale Score	9	68	235	236	236
aMath	Scale Score	9	69	235	236	237
aMath	Scale Score	9	70	235	236	237
aMath	Scale Score	9	71	236	237	238
aMath	Scale Score	9	72	236	237	238
aMath	Scale Score	9	73	236	237	238
aMath	Scale Score	9	74	237	238	239
aMath	Scale Score	9	75	237	238	239
aMath	Scale Score	9	76	238	238	239
aMath	Scale Score	9	77	238	239	240
aMath	Scale Score	9	78	238	239	240
aMath	Scale Score	9	79	239	239	240
aMath	Scale Score	9	80	239	240	241
aMath	Scale Score	9	81	239	240	241
aMath	Scale Score	9	82	239	240	241
aMath	Scale Score	9	83	240	241	242
aMath	Scale Score	9	84	240	241	242

Table 42: Grade 9 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	9	85	241	241	242
aMath	Scale Score	9	86	241	242	243
aMath	Scale Score	9	87	241	242	243
aMath	Scale Score	9	88	242	243	244
aMath	Scale Score	9	89	242	243	244
aMath	Scale Score	9	90	243	243	244
aMath	Scale Score	9	91	243	244	245
aMath	Scale Score	9	92	244	245	246
aMath	Scale Score	9	93	244	245	246
aMath	Scale Score	9	94	245	246	247
aMath	Scale Score	9	95	245	246	247
aMath	Scale Score	9	96	246	247	248
aMath	Scale Score	9	97	247	248	249
aMath	Scale Score	9	98	248	249	250
aMath	Scale Score	9	99	249	250	251

Table 43: Grade 10 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	10	1	195	196	197
aMath	Scale Score	10	2	198	200	200
aMath	Scale Score	10	3	201	202	202
aMath	Scale Score	10	4	203	204	205
aMath	Scale Score	10	5	204	206	206
aMath	Scale Score	10	6	206	207	207
aMath	Scale Score	10	7	207	208	208
aMath	Scale Score	10	8	207	209	209
aMath	Scale Score	10	9	208	209	210
aMath	Scale Score	10	10	209	210	211
aMath	Scale Score	10	11	209	211	211
aMath	Scale Score	10	12	210	211	212
aMath	Scale Score	10	13	211	212	212
aMath	Scale Score	10	14	211	213	213
aMath	Scale Score	10	15	212	213	214
aMath	Scale Score	10	16	213	214	214
aMath	Scale Score	10	17	213	215	215
aMath	Scale Score	10	18	214	215	216
aMath	Scale Score	10	19	214	216	216
aMath	Scale Score	10	20	215	216	217
aMath	Scale Score	10	21	216	217	218
aMath	Scale Score	10	22	216	218	218
aMath	Scale Score	10	23	217	218	219
aMath	Scale Score	10	24	217	219	219
aMath	Scale Score	10	25	218	219	220
aMath	Scale Score	10	26	218	220	220
aMath	Scale Score	10	27	219	221	221
aMath	Scale Score	10	28	220	221	222
aMath	Scale Score	10	29	220	222	222
aMath	Scale Score	10	30	221	222	223
aMath	Scale Score	10	31	221	223	223
aMath	Scale Score	10	32	221	223	224
aMath	Scale Score	10	33	222	223	224
aMath	Scale Score	10	34	222	224	224
aMath	Scale Score	10	35	223	224	225
aMath	Scale Score	10	36	223	225	225
aMath	Scale Score	10	37	224	225	226
aMath	Scale Score	10	38	224	225	226
aMath	Scale Score	10	39	224	226	227
aMath	Scale Score	10	40	225	226	227
aMath	Scale Score	10	41	225	227	227
aMath	Scale Score	10	42	225	227	228

Table 43: Grade 10 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	10	43	226	227	228
aMath	Scale Score	10	44	226	228	228
aMath	Scale Score	10	45	227	228	229
aMath	Scale Score	10	46	227	229	229
aMath	Scale Score	10	47	228	229	230
aMath	Scale Score	10	48	228	229	230
aMath	Scale Score	10	49	228	230	231
aMath	Scale Score	10	50	229	230	231
aMath	Scale Score	10	51	229	231	232
aMath	Scale Score	10	52	230	231	232
aMath	Scale Score	10	53	230	232	232
aMath	Scale Score	10	54	230	232	233
aMath	Scale Score	10	55	231	233	233
aMath	Scale Score	10	56	231	233	233
aMath	Scale Score	10	57	232	233	234
aMath	Scale Score	10	58	232	234	234
aMath	Scale Score	10	59	232	234	235
aMath	Scale Score	10	60	233	235	235
aMath	Scale Score	10	61	233	235	236
aMath	Scale Score	10	62	234	235	236
aMath	Scale Score	10	63	234	236	237
aMath	Scale Score	10	64	234	236	237
aMath	Scale Score	10	65	235	237	237
aMath	Scale Score	10	66	235	237	238
aMath	Scale Score	10	67	236	237	238
aMath	Scale Score	10	68	236	238	239
aMath	Scale Score	10	69	236	238	239
aMath	Scale Score	10	70	237	238	239
aMath	Scale Score	10	71	237	239	240
aMath	Scale Score	10	72	237	239	240
aMath	Scale Score	10	73	238	240	240
aMath	Scale Score	10	74	238	240	241
aMath	Scale Score	10	75	239	240	241
aMath	Scale Score	10	76	239	241	242
aMath	Scale Score	10	77	239	241	242
aMath	Scale Score	10	78	240	242	242
aMath	Scale Score	10	79	240	242	243
aMath	Scale Score	10	80	240	242	243
aMath	Scale Score	10	81	241	243	244
aMath	Scale Score	10	82	241	243	244
aMath	Scale Score	10	83	242	243	244
aMath	Scale Score	10	84	242	244	245

Table 43: Grade 10 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	10	85	242	244	245
aMath	Scale Score	10	86	242	244	245
aMath	Scale Score	10	87	243	245	246
aMath	Scale Score	10	88	243	245	246
aMath	Scale Score	10	89	244	246	247
aMath	Scale Score	10	90	244	246	247
aMath	Scale Score	10	91	245	246	247
aMath	Scale Score	10	92	245	247	248
aMath	Scale Score	10	93	246	247	248
aMath	Scale Score	10	94	246	248	249
aMath	Scale Score	10	95	247	249	250
aMath	Scale Score	10	96	248	249	250
aMath	Scale Score	10	97	248	250	251
aMath	Scale Score	10	98	250	251	252
aMath	Scale Score	10	99	251	253	254

Table 44: Grade 11 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	11	1	196	197	198
aMath	Scale Score	11	2	199	200	201
aMath	Scale Score	11	3	202	203	203
aMath	Scale Score	11	4	204	205	206
aMath	Scale Score	11	5	205	207	207
aMath	Scale Score	11	6	207	208	208
aMath	Scale Score	11	7	208	209	209
aMath	Scale Score	11	8	208	210	210
aMath	Scale Score	11	9	209	211	211
aMath	Scale Score	11	10	210	211	212
aMath	Scale Score	11	11	211	212	212
aMath	Scale Score	11	12	211	212	213
aMath	Scale Score	11	13	212	213	213
aMath	Scale Score	11	14	212	214	214
aMath	Scale Score	11	15	213	215	215
aMath	Scale Score	11	16	214	215	216
aMath	Scale Score	11	17	214	216	216
aMath	Scale Score	11	18	215	217	217
aMath	Scale Score	11	19	216	217	218
aMath	Scale Score	11	20	216	218	218
aMath	Scale Score	11	21	217	218	219
aMath	Scale Score	11	22	217	219	219
aMath	Scale Score	11	23	218	219	220
aMath	Scale Score	11	24	219	220	221
aMath	Scale Score	11	25	219	221	221
aMath	Scale Score	11	26	220	221	222
aMath	Scale Score	11	27	220	222	222
aMath	Scale Score	11	28	221	223	223
aMath	Scale Score	11	29	222	223	224
aMath	Scale Score	11	30	222	223	224
aMath	Scale Score	11	31	222	224	225
aMath	Scale Score	11	32	223	224	225
aMath	Scale Score	11	33	223	225	225
aMath	Scale Score	11	34	224	225	226
aMath	Scale Score	11	35	224	226	226
aMath	Scale Score	11	36	225	226	227
aMath	Scale Score	11	37	225	227	227
aMath	Scale Score	11	38	225	227	227
aMath	Scale Score	11	39	226	227	228
aMath	Scale Score	11	40	226	228	228
aMath	Scale Score	11	41	227	228	229
aMath	Scale Score	11	42	227	229	229

Table 44: Grade 11 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	11	43	228	229	230
aMath	Scale Score	11	44	228	229	230
aMath	Scale Score	11	45	228	230	230
aMath	Scale Score	11	46	229	230	231
aMath	Scale Score	11	47	229	231	231
aMath	Scale Score	11	48	229	231	232
aMath	Scale Score	11	49	230	232	232
aMath	Scale Score	11	50	230	232	233
aMath	Scale Score	11	51	231	233	233
aMath	Scale Score	11	52	231	233	234
aMath	Scale Score	11	53	232	233	234
aMath	Scale Score	11	54	232	234	234
aMath	Scale Score	11	55	233	234	235
aMath	Scale Score	11	56	233	235	235
aMath	Scale Score	11	57	234	235	236
aMath	Scale Score	11	58	234	235	236
aMath	Scale Score	11	59	234	236	237
aMath	Scale Score	11	60	235	236	237
aMath	Scale Score	11	61	235	237	238
aMath	Scale Score	11	62	236	237	238
aMath	Scale Score	11	63	236	238	239
aMath	Scale Score	11	64	236	238	239
aMath	Scale Score	11	65	237	239	239
aMath	Scale Score	11	66	237	239	240
aMath	Scale Score	11	67	238	239	240
aMath	Scale Score	11	68	238	240	241
aMath	Scale Score	11	69	238	240	241
aMath	Scale Score	11	70	239	241	241
aMath	Scale Score	11	71	239	241	242
aMath	Scale Score	11	72	240	241	242
aMath	Scale Score	11	73	240	242	242
aMath	Scale Score	11	74	240	242	243
aMath	Scale Score	11	75	241	242	243
aMath	Scale Score	11	76	241	243	244
aMath	Scale Score	11	77	242	243	244
aMath	Scale Score	11	78	242	244	245
aMath	Scale Score	11	79	242	244	245
aMath	Scale Score	11	80	243	244	245
aMath	Scale Score	11	81	243	245	246
aMath	Scale Score	11	82	243	245	246
aMath	Scale Score	11	83	244	246	246
aMath	Scale Score	11	84	244	246	247

Table 44: Grade 11 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	11	85	244	246	247
aMath	Scale Score	11	86	245	246	247
aMath	Scale Score	11	87	245	247	248
aMath	Scale Score	11	88	246	248	248
aMath	Scale Score	11	89	246	248	249
aMath	Scale Score	11	90	246	248	249
aMath	Scale Score	11	91	247	249	249
aMath	Scale Score	11	92	247	249	250
aMath	Scale Score	11	93	248	250	250
aMath	Scale Score	11	94	248	250	251
aMath	Scale Score	11	95	249	251	252
aMath	Scale Score	11	96	250	252	252
aMath	Scale Score	11	97	251	253	253
aMath	Scale Score	11	98	252	254	255
aMath	Scale Score	11	99	253	255	256

Table 45: Grade 12 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	12	1	197	198	198
aMath	Scale Score	12	2	200	201	201
aMath	Scale Score	12	3	203	204	204
aMath	Scale Score	12	4	205	206	206
aMath	Scale Score	12	5	206	208	208
aMath	Scale Score	12	6	208	209	209
aMath	Scale Score	12	7	209	210	210
aMath	Scale Score	12	8	209	211	211
aMath	Scale Score	12	9	210	211	212
aMath	Scale Score	12	10	211	212	213
aMath	Scale Score	12	11	212	213	213
aMath	Scale Score	12	12	212	213	214
aMath	Scale Score	12	13	213	214	214
aMath	Scale Score	12	14	214	215	215
aMath	Scale Score	12	15	214	216	216
aMath	Scale Score	12	16	215	216	217
aMath	Scale Score	12	17	215	217	217
aMath	Scale Score	12	18	216	218	218
aMath	Scale Score	12	19	217	218	219
aMath	Scale Score	12	20	217	219	219
aMath	Scale Score	12	21	218	219	220
aMath	Scale Score	12	22	219	220	220
aMath	Scale Score	12	23	219	221	221
aMath	Scale Score	12	24	220	221	222
aMath	Scale Score	12	25	221	222	222
aMath	Scale Score	12	26	221	222	223
aMath	Scale Score	12	27	222	223	224
aMath	Scale Score	12	28	222	224	224
aMath	Scale Score	12	29	223	224	225
aMath	Scale Score	12	30	223	225	225
aMath	Scale Score	12	31	224	225	226
aMath	Scale Score	12	32	224	226	226
aMath	Scale Score	12	33	225	226	227
aMath	Scale Score	12	34	225	227	227
aMath	Scale Score	12	35	226	227	228
aMath	Scale Score	12	36	226	227	228
aMath	Scale Score	12	37	227	228	229
aMath	Scale Score	12	38	227	228	229
aMath	Scale Score	12	39	227	229	229
aMath	Scale Score	12	40	228	229	230
aMath	Scale Score	12	41	228	230	230
aMath	Scale Score	12	42	229	230	231

Table 45: Grade 12 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	12	43	229	231	231
aMath	Scale Score	12	44	229	231	231
aMath	Scale Score	12	45	230	231	232
aMath	Scale Score	12	46	230	232	232
aMath	Scale Score	12	47	231	232	233
aMath	Scale Score	12	48	231	233	233
aMath	Scale Score	12	49	232	233	234
aMath	Scale Score	12	50	232	234	234
aMath	Scale Score	12	51	233	234	235
aMath	Scale Score	12	52	233	235	235
aMath	Scale Score	12	53	234	235	236
aMath	Scale Score	12	54	234	235	236
aMath	Scale Score	12	55	235	236	237
aMath	Scale Score	12	56	235	236	237
aMath	Scale Score	12	57	235	237	238
aMath	Scale Score	12	58	236	237	238
aMath	Scale Score	12	59	236	238	238
aMath	Scale Score	12	60	237	238	239
aMath	Scale Score	12	61	237	239	239
aMath	Scale Score	12	62	237	239	240
aMath	Scale Score	12	63	238	240	240
aMath	Scale Score	12	64	238	240	241
aMath	Scale Score	12	65	239	240	241
aMath	Scale Score	12	66	239	241	242
aMath	Scale Score	12	67	240	241	242
aMath	Scale Score	12	68	240	242	242
aMath	Scale Score	12	69	240	242	243
aMath	Scale Score	12	70	241	242	243
aMath	Scale Score	12	71	241	243	244
aMath	Scale Score	12	72	242	243	244
aMath	Scale Score	12	73	242	244	244
aMath	Scale Score	12	74	242	244	245
aMath	Scale Score	12	75	243	244	245
aMath	Scale Score	12	76	243	245	246
aMath	Scale Score	12	77	244	245	246
aMath	Scale Score	12	78	244	246	246
aMath	Scale Score	12	79	244	246	247
aMath	Scale Score	12	80	245	246	247
aMath	Scale Score	12	81	245	247	248
aMath	Scale Score	12	82	245	247	248
aMath	Scale Score	12	83	246	248	248
aMath	Scale Score	12	84	246	248	249

Table 45: Grade 12 Percentiles for aMath

Assessment	Score metric	Grade	Percentile	Fall	Winter	Spring
aMath	Scale Score	12	85	246	248	249
aMath	Scale Score	12	86	247	248	249
aMath	Scale Score	12	87	247	249	250
aMath	Scale Score	12	88	248	250	250
aMath	Scale Score	12	89	248	250	251
aMath	Scale Score	12	90	248	250	251
aMath	Scale Score	12	91	249	251	251
aMath	Scale Score	12	92	249	251	252
aMath	Scale Score	12	93	250	252	252
aMath	Scale Score	12	94	251	252	253
aMath	Scale Score	12	95	251	253	254
aMath	Scale Score	12	96	252	254	254
aMath	Scale Score	12	97	253	255	255
aMath	Scale Score	12	98	254	256	257
aMath	Scale Score	12	99	255	257	258