

APPENDIX 19: FIELD TEST ITEM ANALYSIS

GRADE 3 MATHEMATICS

Table 19-1. Grade 3 Mathematics—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	30	1.3375	0.0236	9.9	0.471	0.241	0.004
1	31	-1.0926	0.0322	-9.9	0.861	0.488	0.006
1	32	-2.5907	0.0540	-5.9	0.960	0.301	0.003
1	63	-0.6921	0.0291	-8.7	0.815	0.526	0.006
1	64	-0.1108	0.0261	-5.2	0.733	0.463	0.005
1	65	0.8675	0.0237	-5.7	0.561	0.489	0.009

Table 19-2. Grade 3 Mathematics—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	33	4	2.0267	0.0355	4.3	0.293	0.547	0.002

GRADE 3 READING

Table 19-3. Grade 3 Reading—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	33	0.2955	0.0245	-8.4	0.634	0.531	0.026
1	34	-0.4919	0.0271	-1.6	0.764	0.445	0.006
1	35	0.7915	0.0238	9.9	0.543	0.197	0.009
1	36	0.5005	0.0241	7.1	0.597	0.362	0.009
1	37	0.9249	0.0238	0.6	0.518	0.453	0.017
1	38	0.5768	0.0240	2.5	0.583	0.431	0.008
1	39	1.5874	0.0242	9.9	0.395	0.359	0.013
1	40	0.5810	0.0240	-9.9	0.582	0.559	0.013
1	41	-0.3791	0.0266	-3.6	0.747	0.465	0.009
1	42	0.7996	0.0238	1.4	0.542	0.450	0.010

Table 19-4. Grade 3 Reading—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	43	2	1.2898	0.0510	5.2	0.452	0.491	0.003

¹ p-value = Mean Score/Maximum Score

GRADE 3 WRITING

Table 19-5. Grade 3 Writing—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	11	-0.2341	0.0261	-4.0	0.702	0.528	0.002
1	12	-0.0535	0.0256	5.0	0.673	0.444	0.004
1	13	-0.4687	0.0270	-4.2	0.737	0.530	0.006
1	14	-0.7884	0.0285	-4.1	0.782	0.505	0.006
1	15	0.1546	0.0251	-3.8	0.638	0.503	0.009
1	44	0.2628	0.0249	5.6	0.620	0.453	0.011
1	45	0.0662	0.0253	3.6	0.653	0.450	0.012
1	46	0.4756	0.0246	-2.2	0.584	0.503	0.012

Table 19-6. Grade 3 Writing—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	43	2	1.6394	0.0530	2.2	0.362	0.539	0.005

GRADE 4 MATHEMATICS

Table 19-7. Grade 4 Mathematics—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	30	-1.2547	0.0331	5.0	0.880	0.240	0.002
1	31	0.0774	0.0248	-9.9	0.701	0.513	0.006
1	32	0.5694	0.0236	6.5	0.612	0.337	0.008
1	63	1.0944	0.0231	9.9	0.510	0.251	0.003
1	64	0.1089	0.0247	5.0	0.696	0.339	0.004
1	65	0.2092	0.0244	-9.9	0.678	0.555	0.011

Table 19-8. Grade 4 Mathematics—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	33	2	2.1254	0.0498	1.3	0.257	0.461	0.003

¹ p-value = Mean Score/Maximum Score

GRADE 4 READING

Table 19-9. Grade 4 Reading—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	33	0.8805	0.0237	-0.7	0.553	0.450	0.007
1	34	0.2770	0.0247	-9.9	0.661	0.612	0.005
1	35	0.2050	0.0249	-9.9	0.673	0.548	0.007
1	36	-0.2048	0.0262	-9.9	0.739	0.602	0.006
1	37	0.2726	0.0247	-7.7	0.662	0.515	0.008
1	38	1.1677	0.0236	3.3	0.500	0.434	0.009
1	39	0.7037	0.0239	-2.5	0.586	0.496	0.007
1	40	2.4671	0.0262	9.9	0.272	0.308	0.006
1	41	1.7474	0.0241	9.9	0.393	0.317	0.008
1	42	1.2250	0.0236	9.9	0.489	0.355	0.008

Table 19-10. Grade 4 Reading—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	43	2	1.1361	0.0494	-3.2	0.511	0.663	0.005

GRADE 4 WRITING

Table 19-11. Grade 4 Writing—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	13	-0.8564	0.0284	0.4	0.798	0.424	0.003
1	14	1.7924	0.0245	9.9	0.340	0.274	0.003
1	15	0.3472	0.0239	-0.2	0.606	0.430	0.004
1	16	-0.5905	0.0270	-6.0	0.761	0.505	0.008
1	17	-0.2566	0.0255	-8.3	0.710	0.541	0.009
1	46	0.8084	0.0235	9.1	0.520	0.361	0.009
1	47	-0.5765	0.0269	-6.6	0.759	0.494	0.011
1	48	0.3627	0.0239	-6.2	0.603	0.524	0.007

Table 19-12. Grade 4 Writing—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	25	2	1.3611	0.0505	2.6	0.407	0.492	0.002
1	45	4	1.2916	0.0479	2.5	0.160	0.480	0.004

¹ p-value = Mean Score/Maximum Score

GRADE 5 MATHEMATICS

Table 19-13. Grade 5 Mathematics—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	30	1.5484	0.0236	5.7	0.430	0.375	0.003
1	31	1.3687	0.0234	0.1	0.465	0.434	0.004
1	32	0.0315	0.0253	-9.9	0.715	0.582	0.009
1	63	1.3525	0.0234	0.7	0.468	0.435	0.004
1	64	1.3052	0.0234	9.9	0.477	0.310	0.004
1	65	1.7633	0.0239	9.9	0.389	0.201	0.007

Table 19-14. Grade 5 Mathematics—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	33	2	1.9356	0.0502	-2.3	0.329	0.578	0.001

GRADE 5 READING

Table 19-15. Grade 5 Reading—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	34	0.5385	0.0237	9.9	0.598	0.326	0.005
1	35	1.0627	0.0234	3.1	0.498	0.404	0.006
1	36	-0.9225	0.0295	-9.9	0.828	0.560	0.005
1	37	0.0929	0.0246	-9.9	0.678	0.526	0.005
1	38	0.4448	0.0238	-9.9	0.615	0.561	0.006
1	39	0.9903	0.0234	0.9	0.511	0.416	0.006
1	40	0.7299	0.0235	-6.1	0.561	0.469	0.007
1	41	0.8415	0.0234	1.9	0.540	0.416	0.007
1	42	1.0146	0.0234	6.0	0.507	0.385	0.009
1	43	1.9719	0.0248	9.9	0.329	0.178	0.012

Table 19-16. Grade 5 Reading—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	44	2	1.0643	0.0508	4.5	0.490	0.465	0.003

¹ p-value = Mean Score/Maximum Score

GRADE 5 WRITING

Table 19-17. Grade 5 Writing—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	13	0.1565	0.0242	9.9	0.660	0.277	0.001
1	14	1.8915	0.0245	9.9	0.327	0.141	0.002
1	15	0.0402	0.0246	-0.6	0.680	0.432	0.003
1	16	0.0927	0.0244	-2.2	0.671	0.417	0.004
1	17	1.6466	0.0238	9.9	0.372	0.179	0.004
1	45	-0.6269	0.0275	-9.9	0.786	0.572	0.004
1	46	-0.7499	0.0282	-4.4	0.803	0.465	0.004
1	47	0.2695	0.0240	3.1	0.639	0.386	0.006

Table 19-18. Grade 5 Writing—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	12	2	1.0082	0.0464	2.0	0.493	0.514	0.001
1	44	4	1.1370	0.0488	1.9	0.164	0.445	0.002

GRADE 6 MATHEMATICS

Table 19-19. Grade 6 Mathematics—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	30	-0.2764	0.0257	-9.9	0.747	0.542	0.003
1	31	0.5496	0.0233	-2.9	0.601	0.443	0.003
1	32	-0.8144	0.0287	0.8	0.823	0.325	0.004
1	63	1.0575	0.0229	-9.9	0.501	0.526	0.004
1	64	0.5135	0.0233	-5.7	0.608	0.445	0.003
1	65	3.1508	0.0309	9.9	0.155	-0.034	0.004

Table 19-20. Grade 6 Mathematics—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	33	2	2.2029	0.0500	8.6	0.230	0.235	0.002

¹ p-value = Mean Score/Maximum Score

GRADE 6 READING

Table 19-21. Grade 6 Reading—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	47	-1.2287	0.0328	-8.3	0.874	0.455	0.003
1	48	0.8325	0.0231	3.9	0.566	0.379	0.003
1	49	0.2717	0.0242	9.9	0.669	0.207	0.003
1	50	0.8548	0.0231	9.9	0.561	0.317	0.004
1	51	-0.0197	0.0251	-9.9	0.718	0.542	0.005
1	52	-0.6502	0.0283	-9.9	0.810	0.549	0.004
1	53	-0.8858	0.0299	-9.9	0.838	0.522	0.004
1	54	0.0448	0.0249	-9.0	0.707	0.489	0.005
1	55	0.9375	0.0230	2.3	0.546	0.395	0.006
1	56	0.2595	0.0242	9.0	0.671	0.326	0.007

Table 19-22. Grade 6 Reading—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	57	2	0.4977	0.0489	-2.1	0.651	0.666	0.004

GRADE 6 WRITING

Table 19-23. Grade 6 Writing—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	13	-0.4181	0.0265	3.1	0.749	0.413	0.001
1	14	-1.3326	0.0328	-6.9	0.865	0.484	0.002
1	15	-0.3888	0.0263	9.2	0.745	0.323	0.002
1	16	-0.5639	0.0272	-5.2	0.771	0.501	0.003
1	17	-0.8991	0.0293	-3.1	0.816	0.450	0.005
1	45	0.4398	0.0237	-4.1	0.602	0.498	0.003
1	46	0.0214	0.0247	9.9	0.677	0.300	0.003
1	47	0.1086	0.0244	4.2	0.662	0.365	0.004

Table 19-24. Grade 6 Writing—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	12	2	1.8834	0.0532	4.0	0.334	0.396	0.001
1	44	4	1.2532	0.0512	3.7	0.194	0.396	0.003

¹ p-value = Mean Score/Maximum Score

GRADE 7 MATHEMATICS

Table 19-25. Grade 7 Mathematics—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	30	1.5783	0.0237	9.9	0.354	0.201	0.003
1	31	1.2165	0.0229	7.8	0.422	0.363	0.003
1	32	0.7615	0.0226	9.9	0.510	0.294	0.005
1	63	-0.8605	0.0268	-0.8	0.795	0.415	0.004
1	64	-0.0446	0.0235	4.0	0.664	0.356	0.004
1	65	1.7221	0.0241	9.5	0.329	0.341	0.005

Table 19-26. Grade 7 Mathematics—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	33	2	1.2039	0.0466	4.5	0.400	0.463	0.002

GRADE 7 READING

Table 19-27. Grade 7 Reading—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	41	0.3118	0.0229	7.8	0.615	0.329	0.003
1	42	0.0859	0.0234	7.0	0.657	0.327	0.003
1	43	2.2810	0.0256	9.9	0.245	0.165	0.003
1	44	1.1350	0.0224	0.7	0.452	0.408	0.004
1	45	-0.2343	0.0244	-9.9	0.714	0.571	0.004
1	46	0.8285	0.0224	9.9	0.513	0.307	0.004
1	47	0.2382	0.0230	1.8	0.629	0.395	0.004
1	48	-0.9340	0.0281	-9.9	0.818	0.518	0.004
1	49	0.4886	0.0226	-9.9	0.581	0.529	0.006
1	50	-0.4597	0.0254	-7.4	0.751	0.467	0.006

Table 19-28. Grade 7 Reading—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	51	2	0.7536	0.0462	-1.8	0.512	0.600	0.005

¹ p-value = Mean Score/Maximum Score

GRADE 7 WRITING

Table 19-29. Grade 7 Writing—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	13	-0.8919	0.0276	-5.5	0.806	0.444	0.002
1	14	1.3173	0.0228	9.9	0.406	0.244	0.002
1	15	0.8870	0.0224	0.3	0.491	0.403	0.003
1	16	0.3742	0.0228	-1.4	0.592	0.416	0.004
1	17	0.4754	0.0226	-6.6	0.572	0.466	0.005
1	45	0.6993	0.0225	9.1	0.528	0.309	0.003
1	46	0.1094	0.0233	-9.4	0.643	0.517	0.002
1	47	1.1404	0.0226	9.9	0.440	0.265	0.003

Table 19-30. Grade 7 Writing—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	12	2	1.7580	0.0497	2.7	0.312	0.441	0.001
1	44	4	1.3090	0.0496	1.4	0.176	0.426	0.004

GRADE 8 MATHEMATICS

Table 19-31. Grade 8 Mathematics—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	30	-0.3277	0.0251	-9.3	0.740	0.506	0.003
1	31	0.1392	0.0236	-8.0	0.660	0.505	0.003
1	32	0.8038	0.0227	-4.2	0.534	0.459	0.005
1	63	0.4115	0.0230	2.7	0.610	0.387	0.003
1	64	0.1121	0.0236	-9.8	0.665	0.503	0.003
1	65	-0.0699	0.0242	-9.9	0.697	0.509	0.004

Table 19-32. Grade 8 Mathematics—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	33	4	2.4219	0.0391	0.5	0.168	0.507	0.004

¹ p-value = Mean Score/Maximum Score

GRADE 8 READING

Table 19-33. Grade 8 Reading—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	36	1.1258	0.0222	9.8	0.484	0.300	0.003
1	37	-0.0112	0.0242	-9.9	0.704	0.490	0.003
1	38	-0.1251	0.0247	-7.8	0.723	0.466	0.003
1	39	-0.0506	0.0244	2.2	0.711	0.370	0.003
1	40	-0.3812	0.0259	-9.9	0.764	0.493	0.003
1	41	-0.2172	0.0251	-6.8	0.738	0.448	0.003
1	42	-0.2804	0.0254	-4.3	0.749	0.433	0.004
1	43	0.8012	0.0224	9.9	0.549	0.293	0.003
1	44	0.6695	0.0225	5.7	0.576	0.363	0.006
1	45	-0.0543	0.0244	-9.9	0.711	0.550	0.007

Table 19-34. Grade 8 Reading—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	46	2	2.5063	0.0563	-0.2	0.196	0.391	0.006

GRADE 8 WRITING

Table 19-35. Grade 8 Writing—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	13	-0.9344	0.0281	1.8	0.809	0.358	0.001
1	14	-0.4217	0.0253	6.5	0.734	0.316	0.002
1	15	0.3270	0.0230	9.9	0.603	0.245	0.003
1	16	0.3772	0.0229	-3.5	0.593	0.457	0.003
1	17	-0.8358	0.0274	1.0	0.795	0.404	0.004
1	45	1.0575	0.0226	9.9	0.461	0.165	0.004
1	46	-1.6159	0.0338	-9.9	0.884	0.489	0.004
1	47	-0.2192	0.0245	-9.9	0.701	0.573	0.004

Table 19-36. Grade 8 Writing—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	12	2	2.1796	0.0610	-0.6	0.321	0.463	0.004
1	44	4	1.0204	0.0446	1.7	0.216	0.498	0.005

¹ p-value = Mean Score/Maximum Score

GRADE 9 MATHEMATICS

Table 19-37. Grade 9 Mathematics—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	30	0.8931	0.0222	3.5	0.494	0.396	0.005
1	31	0.1977	0.0226	-9.9	0.628	0.593	0.002
1	32	0.3403	0.0224	-3.6	0.601	0.416	0.004
1	63	-0.0551	0.0232	4.9	0.674	0.390	0.004
1	64	0.1960	0.0226	-5.4	0.628	0.471	0.003
1	65	2.0594	0.0247	9.9	0.282	0.137	0.005

Table 19-38. Grade 9 Mathematics—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	33	4	1.5825	0.0346	4.5	0.315	0.585	0.004

GRADE 9 READING

Table 19-39. Grade 9 Reading—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	44	0.0116	0.0236	-4.3	0.699	0.444	0.004
1	45	0.1280	0.0232	1.5	0.679	0.375	0.005
1	46	-0.5640	0.0261	0.4	0.789	0.361	0.005
1	47	0.3528	0.0226	-0.9	0.639	0.406	0.004
1	48	-0.3103	0.0248	-5.7	0.752	0.430	0.005
1	49	-1.0335	0.0292	-9.9	0.848	0.503	0.004
1	50	1.4301	0.0222	8.5	0.431	0.345	0.005
1	51	0.3693	0.0226	-7.2	0.636	0.438	0.009
1	52	0.9954	0.0219	-0.9	0.515	0.412	0.008
1	53	0.6868	0.0221	-1.6	0.576	0.410	0.010

Table 19-40. Grade 9 Reading—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	54	2	1.8896	0.0522	1.7	0.339	0.445	0.007

¹ p-value = Mean Score/Maximum Score

GRADE 9 WRITING

Table 19-41. Grade 9 Writing—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
1	13	0.5358	0.0224	-9.9	0.600	0.570	0.001
1	14	1.1666	0.0220	9.9	0.476	0.291	0.002
1	15	0.3205	0.0229	-6.9	0.641	0.472	0.001
1	16	-0.1592	0.0244	0.3	0.725	0.416	0.001
1	17	0.2662	0.0230	9.9	0.651	0.292	0.003
1	45	0.5215	0.0225	9.9	0.603	0.317	0.003
1	46	1.2578	0.0220	9.9	0.458	0.316	0.004
1	47	0.7939	0.0221	9.9	0.550	0.319	0.006

Table 19-42. Grade 9 Writing—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
1	12	2	2.1031	0.0534	0.9	0.314	0.463	0.001
1	44	4	1.1650	0.0422	0.0	0.207	0.575	0.005

GRADE 10 MATHEMATICS**Table 19-43. Grade 10 Mathematics—Multiple-Choice Items**

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
F01WM	37	-.7945	.0962	0.6	.7859	.3671	.0052
F01WM	38	1.1659	.0821	-4.9	.4321	.5844	.0117
F01WM	39	2.3357	.0951	7.6	.2337	.0883	.0131
F01WM	40	.0044	.0847	-1.9	.6554	.4523	.0052
F01WM	41	2.0390	.0902	7.5	.2781	.1618	.0117
F01WM	42	1.4090	.0835	1.5	.3864	.3753	.0078
F01WM	43	-1.5652	.1174	1.1	.8773	.3189	.0026
F01WM	44	1.0842	.0818	0.1	.4478	.4135	.0091
F01WM	45	2.0640	.0906	7.5	.2742	.1192	.0052
F02WM	37	-.3600	.0981	-0.5	.7653	.3465	.0058
F02WM	38	-1.1008	.1176	-1.3	.8601	.4106	.0029
F02WM	39	.4310	.0874	1.3	.6297	.3050	.0102
F02WM	40	2.6708	.1013	0.7	.2201	.3217	.0146
F02WM	42	-.0061	.0922	2.2	.7085	.3391	.0044
F02WM	43	2.2592	.0937	-1.6	.2828	.4550	.0175
F02WM	44	-1.6184	.1385	-1.5	.9067	.3790	.0058
F02WM	45	2.8880	.1064	7.5	.1910	.0549	.0087
F02WM	46	-.1283	.0940	-2.0	.7289	.4344	.0117
F02WM	47	.7109	.0857	-0.3	.5758	.3918	.0087
F03WM	37	-.0283	.0923	3.6	.6854	.2755	.0030
F03WM	38	-.4931	.0994	-0.5	.7607	.3926	.0030
F03WM	39	.3947	.0884	-4.0	.6086	.5579	.0044
F03WM	40	3.3696	.1259	5.0	.1241	.1270	.0059
F03WM	41	.5728	.0874	5.1	.5746	.2496	.0103
F03WM	42	.6796	.0870	-2.3	.5539	.4871	.0030
F03WM	43	1.4074	.0876	-2.6	.4121	.5171	.0059
F03WM	44	1.7987	.0905	9.9	.3397	.0469	.0103
F03WM	45	-.4058	.0978	1.3	.7474	.3490	.0044
F04WM	37	.3935	.0970	-0.7	.5759	.4418	.0018
F04WM	38	.7667	.0962	1.5	.5027	.3379	.0055
F04WM	39	.5902	.0964	4.3	.5375	.3148	.0055
F04WM	40	.8131	.0962	-0.8	.4936	.4512	.0091
F04WM	41	.1834	.0983	-5.4	.6161	.6182	.0091
F04WM	42	-.7406	.1113	-0.9	.7733	.4185	.0037
F04WM	43	.0365	.0995	-1.3	.6435	.4156	.0037
F04WM	44	2.3004	.1125	4.2	.2303	.1831	.0055
F05WM	37	-.1557	.0931	2.6	.7060	.3242	.0029

Table 19-43 (continued). Grade 10 Mathematics—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
F05WM	38	-.1910	.0936	-3.0	.7118	.5206	.0058
F05WM	39	-1.2662	.1177	3.2	.8574	.2200	.0015
F05WM	41	.4421	.0873	-3.6	.5997	.5455	.0087
F05WM	42	-.6384	.1012	-2.1	.7802	.4446	.0029
F05WM	43	1.4240	.0872	2.0	.4119	.3138	.0058
F05WM	44	.9594	.0859	4.7	.5007	.2678	.0015
F05WM	45	1.8669	.0910	0.5	.3319	.3834	.0073
F06WM	46	-.2030	.0929	-3.8	.7262	.5227	.0029
F06WM	37	-.7744	.1041	1.0	.8112	.3216	.0043
F06WM	38	.2546	.0875	-0.7	.6455	.4040	.0043
F06WM	39	.7253	.0849	2.1	.5548	.3030	.0058
F06WM	40	.1211	.0887	-0.9	.6700	.3677	.0014
F06WM	41	1.3749	.0858	-1.3	.4265	.4654	.0043
F06WM	42	3.3813	.1247	9.6	.1297	-.0870	.0029
F06WM	43	.7107	.0849	-0.6	.5576	.4276	.0014
F07WM	37	2.0729	.0978	3.1	.3095	.2800	.0032
F07WM	39	-.8688	.1121	-2.5	.8190	.4710	.0032
F07WM	40	-.6294	.1064	-0.3	.7873	.4679	.0032
F07WM	41	-1.6765	.1408	-0.3	.9016	.2797	.0016
F07WM	42	.4004	.0922	-1.2	.6175	.4575	.0111
F07WM	43	1.3627	.0914	-0.9	.4349	.4574	.0063
F07WM	44	1.7191	.0938	1.2	.3698	.3915	.0079
F07WM	45	4.5356	.1864	1.9	.0587	.2476	.0048
F07WM	46	.5197	.0915	0.2	.5952	.4235	.0016
F08WM	37	.3056	.0957	-1.2	.6447	.3972	.0104
F08WM	38	.5337	.0938	-4.3	.6014	.5631	.0087
F08WM	39	2.3185	.1047	1.4	.2686	.2837	.0087
F08WM	40	2.2197	.1028	-.6	.2842	.3966	.0121
F08WM	42	2.1875	.1023	-1.6	.2894	.4671	.0069
F08WM	43	3.8240	.1556	2.1	.0988	.2114	.0069
F08WM	44	3.0384	.1230	1.8	.1716	.3289	.0052
F08WM	45	1.4689	.0939	1.6	.4177	.3506	.0035
F08WM	46	1.6711	.0955	8.2	.3795	.0241	.0121
F09WM	37	2.6716	.1075	7.9	.1898	.0931	.0060
F09WM	38	-.3815	.0963	-2.9	.7354	.5016	.0045
F09WM	39	.6089	.0866	3.5	.5531	.2958	.0030
F09WM	41	1.4475	.0882	3.3	.3871	.2595	.0045
F09WM	42	2.9103	.1142	8.6	.1614	-.0220	.0090
F09WM	43	1.9626	.0936	7.4	.2945	.1041	.0105
F09WM	44	1.4162	.0879	5.8	.3931	.2112	.0060
F09WM	45	.3505	.0879	-0.6	.6039	.3886	.0120
F09WM	46	-1.0177	.1103	-3.0	.8266	.4826	.0075
F10WM	37	1.0111	.0840	0.8	.5093	.3572	.0029
F10WM	38	-1.4220	.1279	3.8	.8895	.1579	.0000
F10WM	39	1.5259	.0855	1.8	.4075	.3379	.0057
F10WM	40	-1.7077	.1407	-2.9	.9125	.4332	.0014

Table 19-43 (continued). Grade 10 Mathematics—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
F10WM	42	.1761	.0886	-3.3	.6714	.4875	.0072
F10WM	43	-.1026	.0923	-0.4	.7202	.3502	.0029
F10WM	44	2.1511	.0918	5.8	.2941	.1706	.0043
F10WM	45	1.1544	.0841	-1.7	.4806	.4249	.0072
F10WM	46	3.4216	.1232	7.1	.1277	.0791	.0086
F10WM	47	1.4446	.0851	-0.3	.4232	.3771	.0057
F11WM	37	.4660	.0827	-1.1	.6185	.3998	.0040
F11WM	39	2.4324	.0928	-0.5	.2517	.3678	.0093
F11WM	40	.7564	.0813	-3.4	.5616	.4996	.0040
F11WM	41	2.7619	.0994	4.8	.2053	.2256	.0013
F11WM	42	2.2287	.0895	-0.5	.2834	.3970	.0040
F11WM	43	2.3714	.0918	7.3	.2609	.1067	.0093
F11WM	44	1.4622	.0820	-0.7	.4212	.3849	.0026
F11WM	45	.9683	.0809	2.5	.5192	.2942	.0013
F12WM	37	-1.7836	.1438	-1.0	.9149	.3108	.0030
F12WM	38	3.0582	.1161	3.5	.1567	.1860	.0045
F12WM	40	1.1715	.0856	0.7	.4642	.3213	.0030
F12WM	41	2.2976	.0970	4.8	.2582	.1777	.0045
F12WM	42	1.2984	.0860	1.0	.4388	.3330	.0030
F12WM	43	.1186	.0900	0.8	.6716	.2831	.0030
F12WM	44	.6310	.0861	3.1	.5731	.2510	.0030
F13WM	37	-1.2860	.1304	0.7	.8731	.3553	.0050
F13WM	38	1.7958	.0949	1.6	.3472	.3546	.0100
F13WM	39	.0350	.0969	-1.5	.6895	.4656	.0050
F13WM	41	-.7993	.1140	-1.6	.8180	.4146	.0050
F13WM	42	1.9728	.0971	4.0	.3155	.2374	.0033
F13WM	43	-.0218	.0976	6.5	.6995	.1993	.0050
F13WM	44	.1554	.0953	-0.6	.6678	.3777	.0100
F13WM	45	1.7056	.0940	-1.6	.3639	.4123	.0134
F13WM	46	2.0500	.0982	0.7	.3022	.3383	.0050
F13WM	47	1.2999	.0912	5.9	.4424	.1278	.0050
F14WM	37	-1.6261	.1328	1.8	.9071	.3403	.0054
F14WM	38	.2036	.0869	-2.2	.6743	.4939	.0054
F14WM	39	.8808	.0827	-1.3	.5478	.4497	.0054
F14WM	41	.8461	.0828	3.0	.5545	.3845	.0081
F14WM	42	2.0197	.0875	-0.7	.3324	.4488	.0148
F14WM	43	1.5835	.0839	-0.5	.4118	.4556	.0121
F14WM	44	1.9583	.0869	1.7	.3432	.3289	.0121
F14WM	45	3.8556	.1332	8.3	.1009	-.0543	.0081
F14WM	46	.0558	.0885	1.8	.6999	.2913	.0148
F14WM	47	-1.1538	.1147	-0.6	.8654	.3851	.0067
F14WM	48	2.5620	.0953	7.4	.2450	.1345	.0067

Table 19-44. Grade 10 Mathematics—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
F02WM	41	2	1.5076	.0554	0.7	.3958	.4949	.1093
F05WM	40	2	-.2461	.0649	6.8	.7409	.3356	.0393
F07WM	38	2	1.1861	.0571	1.3	.4532	.5949	.1032
F08WM	41	2	1.3779	.0588	7.7	.4116	.2356	.0503
F09WM	40	2	1.3024	.0627	-1.1	.4215	.5271	.0493
F10WM	41	4	2.4216	.0481	-1.7	.2565	.5924	.0861
F11WM	38	4	2.7832	.0603	2.3	.1712	.4033	.0728
F12WM	39	4	1.4307	.0398	-2.0	.4030	.6592	.0418
F13WM	40	4	.9346	.0422	-2.4	.5034	.6842	.0250
F14WM	40	4	3.3243	.0589	-3.8	.0996	.5183	.2557

GRADE 10 READING**Table 19-45. Grade 10 Reading—Multiple-Choice Items**

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
F01R	66	-1.4440	.1594	-3.2	.9426	.3968	.0051
F01R	67	.2840	.0917	-1.1	.7755	.3716	.0026
F01R	68	2.7935	.0838	6.8	.2959	.0724	.0038
F01R	69	1.4752	.0777	-2.5	.5587	.4407	.0077
F01R	70	1.8021	.0771	2.0	.4911	.3041	.0051
F01R	71	-.1163	.1013	-3.9	.8304	.4924	.0038
F01R	72	1.0793	.0802	1.2	.6378	.2900	.0115
F01R	73	.9657	.0813	-1.4	.6594	.4022	.0089
F01R	74	3.4307	.0962	4.1	.1952	.1196	.0064
F01R	75	.5954	.0861	-3.9	.7258	.4873	.0077
F02R	66	-.3327	.1163	-2.8	.8654	.4161	.0028
F02R	67	.4367	.0952	-1.6	.7663	.4340	.0028
F02R	68	.5625	.0928	2.3	.7465	.2138	.0028
F02R	69	-.7860	.1350	-3.5	.9065	.4549	.0042
F02R	70	.0231	.1051	-2.2	.8244	.3952	.0014
F02R	71	.4823	.0943	-3.0	.7592	.4581	.0014
F02R	72	1.5086	.0823	-0.4	.5708	.3570	.0014
F02R	73	1.6881	.0817	7.2	.5340	.0964	.0042
F02R	74	1.1444	.0849	5.4	.6431	.0967	.0014
F02R	75	1.4176	.0828	-0.8	.5892	.3373	.0014
F03R	66	.6935	.0934	-3.0	.6879	.4781	.0093
F03R	67	-.3603	.1161	-3.1	.8416	.4963	.0047
F03R	68	.0204	.1057	-1.9	.7935	.4754	.0062
F03R	69	1.1260	.0890	-2.6	.6087	.4825	.0047
F03R	70	-.1553	.1101	-2.6	.8168	.4518	.0062
F03R	71	.2868	.1000	-1.9	.7547	.4829	.0062
F03R	72	.4825	.0965	-0.2	.7236	.3950	.0093

¹ p-value = Mean Score/Maximum Score

Table 19-45 (continued). Grade 10 Reading—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
F03R	73	-.1675	.1105	-2.7	.8183	.4836	.0062
F03R	74	1.2791	.0881	-1.9	.5792	.4453	.0078
F03R	75	.6487	.0940	-2.6	.6957	.4943	.0062
F04R	66	-.8101	.1281	-2.9	.8752	.4662	.0095
F04R	67	.5843	.0949	-0.4	.6856	.3910	.0032
F04R	68	-.8433	.1294	-4.0	.8784	.5010	.0032
F04R	69	.7898	.0927	0.0	.6493	.3541	.0047
F04R	70	.3580	.0981	-1.6	.7235	.4878	.0047
F04R	71	-.1286	.1075	-2.5	.7962	.4590	.0016
F04R	72	-.1054	.1070	-3.7	.7930	.5145	.0016
F04R	73	1.5045	.0887	2.2	.5134	.3542	.0079
F04R	74	-.5794	.1200	-4.0	.8515	.5045	.0047
F04R	75	-.3872	.1142	-3.7	.8294	.5238	.0047
F05R	66	1.3922	.0859	2.4	.5588	.2837	.0076
F05R	67	-1.1844	.1515	2.8	.9206	.1349	.0031
F05R	68	2.0514	.0859	5.5	.4244	.1755	.0031
F05R	69	3.0983	.0988	7.4	.2336	.0280	.0061
F05R	70	.9884	.0887	-3.1	.6382	.4912	.0031
F05R	71	-.7216	.1292	-3.1	.8840	.4648	.0031
F05R	72	2.2042	.0867	2.8	.3939	.2815	.0031
F05R	73	1.1075	.0876	1.0	.6153	.3072	.0031
F05R	74	1.1075	.0876	3.9	.6153	.1877	.0031
F05R	75	.0012	.1054	-3.4	.8015	.4713	.0031
F06R	66	.2529	.1000	-0.9	.7765	.3762	.0030
F06R	67	.2930	.0992	-0.8	.7705	.4105	.0045
F06R	68	1.2778	.0858	-0.6	.5961	.3828	.0164
F06R	69	-.6494	.1275	-3.9	.8838	.5200	.0030
F06R	70	-.3654	.1170	-2.5	.8554	.4326	.0030
F06R	71	-.4213	.1189	-2.5	.8614	.4376	.0030
F06R	72	2.0713	.0847	6.4	.4337	.1246	.0045
F06R	73	1.6446	.0843	2.9	.5216	.2733	.0075
F06R	74	2.7070	.0901	7.1	.3100	.0919	.0030
F06R	75	1.2251	.0862	0.8	.6066	.3733	.0030
F07R	66	.8763	.0936	-1.6	.6551	.4314	.0000
F07R	67	1.4349	.0900	1.1	.5473	.3302	.0050
F07R	68	.7211	.0954	0.7	.6833	.3896	.0017
F07R	69	.5886	.0972	-0.8	.7065	.3595	.0033
F07R	70	.2962	.1022	-2.0	.7546	.4392	.0017
F07R	71	1.7426	.0897	2.8	.4859	.2922	.0017
F07R	72	.1991	.1042	-2.4	.7695	.4559	.0050
F07R	73	1.0268	.0922	-3.3	.6269	.4979	.0017
F07R	74	.9653	.0928	-2.0	.6385	.4419	.0017
F07R	75	.0165	.1084	-2.7	.7960	.4628	.0033
F08R	66	.9445	.0893	3.5	.6696	.2574	.0058
F08R	67	1.4144	.0853	-4.4	.5804	.5396	.0073
F08R	68	.7877	.0913	-0.8	.6974	.4222	.0117

Table 19-45 (continued). Grade 10 Reading—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
F08R	69	1.6562	.0843	2.6	.5322	.3179	.0044
F08R	70	1.9019	.0840	6.6	.4825	.1743	.0058
F08R	71	2.6776	.0882	2.9	.3304	.2826	.0058
F08R	72	-.7204	.1310	-1.8	.8933	.4382	.0029
F08R	73	2.5139	.0867	6.3	.3611	.1283	.0029
F08R	74	2.0466	.0842	7.5	.4532	.1015	.0029
F08R	75	-.3676	.1177	-0.5	.8596	.3308	.0044
F09R	66	1.7572	.0843	6.2	.4845	.1741	.0044
F09R	67	-.3709	.1135	-0.7	.8454	.3836	.0029
F09R	68	.3340	.0963	-2.0	.7496	.4137	.0059
F09R	69	.9636	.0877	-0.9	.6406	.4126	.0074
F09R	70	-.8937	.1329	-4.4	.8969	.5188	.0029
F09R	71	.8602	.0888	0.5	.6598	.3449	.0044
F09R	72	.7296	.0903	-2.7	.6834	.4826	.0044
F09R	73	-.2827	.1108	-3.2	.8351	.4899	.0044
F09R	74	1.5739	.0844	5.8	.5214	.1874	.0044
F09R	75	1.4119	.0848	5.3	.5538	.1826	.0044
F10R	66	-.0596	.1103	-1.3	.8284	.3898	.0075
F10R	67	-.1736	.1137	-1.7	.8418	.4380	.0060
F10R	68	1.1434	.0875	-0.7	.6388	.3691	.0090
F10R	69	-.2400	.1159	-2.7	.8493	.4898	.0060
F10R	70	-1.4284	.1729	-1.8	.9418	.4004	.0060
F10R	71	-1.5210	.1792	-2.5	.9463	.4469	.0060
F10R	72	-.0474	.1099	0.7	.8269	.3321	.0075
F10R	73	.5087	.0967	0.2	.7493	.3488	.0090
F10R	74	-1.2873	.1639	-0.1	.9343	.2627	.0075
F10R	75	2.1923	.0847	5.3	.4284	.1933	.0075
F11R	66	.4787	.0920	-3.7	.7490	.5176	.0041
F11R	67	.8487	.0865	-4.5	.6862	.5325	.0055
F11R	68	1.0778	.0840	1.0	.6439	.2875	.0027
F11R	69	-.1341	.1062	-4.1	.8349	.4916	.0055
F11R	70	.5796	.0903	-2.4	.7326	.4624	.0014
F11R	71	.0490	.1012	-0.6	.8117	.3588	.0027
F11R	72	-.4277	.1155	-1.5	.8677	.3332	.0041
F11R	73	-.1455	.1065	-2.1	.8363	.4290	.0055
F11R	74	.4615	.0923	1.4	.7517	.2863	.0055
F11R	75	.0593	.1010	-3.9	.8104	.5264	.0068
F12R	66	-.3824	.1215	-1.9	.8560	.4483	.0032
F12R	67	1.1629	.0901	-0.5	.6192	.3532	.0080
F12R	68	-.9009	.1430	-3.2	.9040	.4469	.0032
F12R	69	.1123	.1069	-1.2	.7952	.4020	.0064
F12R	70	.4059	.1004	-0.2	.7520	.3453	.0048
F12R	71	.7992	.0940	-0.5	.6864	.3708	.0080
F12R	72	-.1457	.1138	-1.5	.8288	.3736	.0064
F12R	73	.9062	.0927	1.3	.6672	.2830	.0080
F12R	74	-.2123	.1159	-0.4	.8368	.3848	.0048

Table 19-45 (continued). Grade 10 Reading—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
F12R	75	-.3384	.1200	-1.9	.8512	.4197	.0048
F13R	66	-.2879	.1220	-0.9	.8525	.4020	.0115
F13R	67	-.9193	.1486	-2.1	.9098	.3951	.0098
F13R	68	-1.3575	.1742	-2.7	.9377	.3883	.0049
F13R	69	.8679	.0952	-2.5	.6869	.4729	.0082
F13R	70	.0811	.1108	-1.6	.8082	.4455	.0082
F13R	71	-1.3274	.1722	-1.1	.9361	.3322	.0049
F13R	72	1.3284	.0905	2.7	.6016	.2660	.0049
F13R	73	.5855	.0996	-1.4	.7344	.3835	.0082
F13R	74	.2144	.1074	-2.2	.7902	.5061	.0066
F13R	75	.8398	.0956	1.6	.6918	.2306	.0049
F14R	66	.6208	.0920	-0.2	.7367	.3346	.0042
F14R	67	.1234	.1024	-4.0	.8095	.5390	.0028
F14R	68	-.8514	.1373	-3.0	.9090	.4299	.0056
F14R	69	2.1956	.0824	3.3	.4384	.2780	.0042
F14R	70	1.1658	.0850	0.0	.6415	.3441	.0042
F14R	71	.0693	.1038	1.4	.8165	.2608	.0042
F14R	72	-.2770	.1141	-3.4	.8571	.4933	.0042
F14R	73	-.2639	.1137	-0.6	.8557	.3423	.0028
F14R	74	-.3713	.1174	-2.0	.8669	.4329	.0028
F14R	75	.8472	.0886	1.4	.6989	.3022	.0028

Table 19-46. Grade 10 Reading—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
F01R	76	4	2.4110	.0357	7.6	.3313	.4043	.0459
F02R	76	4	2.0561	.0390	3.2	.4579	.5099	.0836
F03R	76	2	3.1086	.0697	4.0	.2065	.2642	.0621
F04R	76	2	1.9380	.0704	-3.7	.4376	.6009	.0316
F05R	76	4	2.6796	.0453	2.1	.2786	.4573	.0427
F06R	76	2	2.0518	.0589	-1.8	.4315	.5167	.0566
F07R	76	4	1.4798	.0435	1.4	.5394	.5921	.0514
F08R	76	2	2.4784	.0608	-3.8	.3626	.5644	.0468
F09R	76	2	1.0927	.0577	4.2	.6340	.4422	.0398
F10R	76	2	1.5649	.0570	2.9	.5582	.4244	.0552
F11R	76	2	1.9057	.0603	-2.3	.4775	.5210	.0382
F12R	76	2	.6155	.0647	2.2	.7648	.4330	.0352
F13R	76	4	2.3720	.0473	-0.4	.3795	.5593	.0590
F14R	76	4	1.9274	.0428	4.5	.4703	.4733	.0378

¹ p-value = Mean Score/Maximum Score

GRADE 10 WRITING**Table 19-47. Grade 10 Writing—Multiple-Choice Items**

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
F01WM	37	.9162	.0805	-0.8	.5860	.4271	.0116
F01WM	38	2.7128	.0903	9.9	.2445	.0430	.0039
F01WM	39	.1072	.0892	-0.5	.7335	.4152	.0039
F01WM	40	-.6290	.1052	3.0	.8370	.2597	.0052
F01WM	41	-.7190	.1078	-2.5	.8473	.4331	.0039
F01WM	42	-.8259	.1112	-2.8	.8590	.4579	.0039
F01WM	43	.0019	.0909	1.7	.7503	.3417	.0052
F01WM	44	1.8027	.0802	3.5	.4075	.2507	.0065
F01WM	45	2.4284	.0859	6.6	.2911	.0831	.0116
F01WM	46	-1.0760	.1199	-1.5	.8836	.3714	.0091
F01WM	47	.7841	.0814	1.2	.6119	.3458	.0103
F02WM	37	-.5564	.1164	-3.3	.8609	.4784	.0043
F02WM	38	.9254	.0860	0.6	.6333	.3665	.0000
F02WM	39	2.0849	.0844	2.9	.3957	.2110	.0029
F02WM	40	1.3491	.0833	0.9	.5478	.3196	.0043
F02WM	41	-.4256	.1121	1.3	.8464	.2941	.0014
F02WM	42	1.4050	.0832	1.6	.5362	.2981	.0029
F02WM	43	1.3840	.0832	6.8	.5406	.0897	.0014
F02WM	44	1.5927	.0829	-2.2	.4971	.4040	.0014
F02WM	45	-.3882	.1109	-1.5	.8420	.3923	.0000
F02WM	46	1.3561	.0833	2.3	.5464	.3055	.0000
F02WM	47	.8126	.0871	3.9	.6551	.2182	.0014
F03WM	37	.2526	.0935	-2.7	.7227	.5022	.0265
F03WM	38	.4928	.0902	-1.0	.6814	.3793	.0015
F03WM	39	.0503	.0969	-1.5	.7552	.4516	.0000
F03WM	40	.5751	.0892	-4.3	.6667	.5725	.0000
F03WM	41	.7273	.0877	1.6	.6386	.2936	.0029
F03WM	42	2.5940	.0935	6.2	.2847	.0986	.0029
F03WM	43	.8754	.0866	-0.4	.6106	.4059	.0015
F03WM	44	-.5536	.1114	-1.3	.8378	.3807	.0015
F03WM	45	.4258	.0910	-3.5	.6932	.5184	.0000
F03WM	46	1.6162	.0849	0.3	.4646	.3720	.0015
F03WM	47	1.2673	.0849	1.1	.5339	.3521	.0000
F04WM	37	-.0539	.1084	1.1	.7505	.3151	.0000
F04WM	38	-.6606	.1236	-3.4	.8324	.5464	.0018
F04WM	39	.0406	.1066	0.0	.7359	.4154	.0000
F04WM	40	.6604	.0984	0.8	.6302	.3469	.0000
F04WM	41	.0983	.1056	-1.2	.7268	.5142	.0018
F04WM	42	.0638	.1062	-2.7	.7322	.4930	.0000
F04WM	43	.7399	.0977	-0.2	.6157	.3924	.0036
F04WM	44	-.2144	.1117	-3.7	.7741	.5707	.0000
F04WM	45	1.1922	.0956	2.3	.5301	.3547	.0055
F04WM	46	1.9095	.0977	2.7	.3934	.3323	.0036
F04WM	47	.3728	.1015	-2.3	.6812	.5379	.0036
F05WM	37	.5139	.0895	-0.2	.6804	.3802	.0073

Table 19-47 (continued). Grade 10 Writing—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
F05WM	38	1.4659	.0841	1.6	.4927	.3584	.0073
F05WM	39	1.8199	.0850	2.5	.4208	.2662	.0059
F05WM	40	.4570	.0903	0.7	.6906	.3304	.0103
F05WM	41	2.7178	.0949	4.7	.2566	.1925	.0044
F05WM	42	-.1095	.1000	0.5	.7830	.3715	.0073
F05WM	43	1.0771	.0849	-2.4	.5718	.4215	.0044
F05WM	44	1.2867	.0842	2.1	.5293	.2817	.0044
F05WM	45	1.9157	.0855	3.6	.4018	.2552	.0088
F05WM	46	.5461	.0892	1.9	.6745	.3346	.0059
F05WM	47	1.7033	.0845	5.7	.4443	.1842	.0073
F06WM	48	1.1496	.0840	7.3	.5785	.2018	.0116
F06WM	37	2.0766	.0852	3.4	.3881	.2174	.0015
F06WM	38	.6014	.0887	-0.4	.6846	.3323	.0015
F06WM	39	.0972	.0969	1.0	.7689	.2776	.0015
F06WM	40	.1352	.0961	2.8	.7631	.3104	.0015
F06WM	41	-.0207	.0994	-1.7	.7863	.4016	.0015
F06WM	42	-.4950	.1121	1.2	.8474	.3040	.0029
F06WM	43	-.6144	.1160	-1.5	.8605	.3710	.0029
F06WM	44	.5773	.0890	-2.6	.6890	.4304	.0044
F06WM	45	1.8889	.0840	4.6	.4259	.1801	.0029
F06WM	46	-.5209	.1129	-1.3	.8503	.3834	.0029
F07WM	37	.2776	.0979	2.0	.7348	.2820	.0224
F07WM	38	.8082	.0909	-0.5	.6406	.3863	.0016
F07WM	39	1.8782	.0889	3.7	.4281	.2413	.0016
F07WM	40	2.0931	.0904	4.7	.3866	.2000	.0016
F07WM	41	.2580	.0983	-1.1	.7380	.4212	.0048
F07WM	42	1.2565	.0882	0.4	.5527	.3497	.0048
F07WM	43	-.4970	.1170	-1.9	.8435	.4537	.0064
F07WM	44	2.2817	.0922	2.5	.3514	.3405	.0048
F07WM	45	1.4706	.0879	2.9	.5096	.2295	.0048
F07WM	46	-.5249	.1179	-1.6	.8466	.4094	.0032
F07WM	47	-1.6946	.1758	-1.0	.9409	.3402	.0032
F08WM	37	-.7553	.1352	-2.0	.8810	.4358	.0069
F08WM	38	1.4525	.0909	3.0	.5362	.2592	.0069
F08WM	39	.2739	.1038	-1.5	.7534	.4528	.0069
F08WM	40	-.2024	.1155	-0.6	.8207	.3622	.0034
F08WM	41	1.3759	.0912	2.4	.5517	.2538	.0069
F08WM	42	.2960	.1034	-0.6	.7500	.3835	.0069
F08WM	43	-.8512	.1394	-1.8	.8897	.4178	.0052
F08WM	44	-.4037	.1219	-1.3	.8448	.3987	.0034
F08WM	45	.9196	.0942	2.7	.6414	.2244	.0052
F08WM	46	.3929	.1015	-1.7	.7345	.3805	.0052
F08WM	47	1.0634	.0929	-0.3	.6138	.3357	.0052
F09WM	37	1.4642	.0839	1.9	.5156	.2692	.0074
F09WM	38	.4263	.0919	1.6	.7141	.2176	.0030
F09WM	39	-.2989	.1073	-1.6	.8222	.4669	.0030

Table 19-47 (continued). Grade 10 Writing—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
F09WM	40	1.6756	.0841	1.3	.4726	.3242	.0030
F09WM	41	1.0359	.0854	4.0	.6015	.3197	.0044
F09WM	42	.1245	.0972	1.3	.7630	.3052	.0044
F09WM	43	.8909	.0864	-2.8	.6296	.4652	.0030
F09WM	44	3.2138	.1048	5.7	.2015	.1152	.0059
F09WM	45	-.7315	.1214	-1.6	.8711	.3773	.0059
F09WM	46	-.7315	.1214	-1.0	.8711	.3273	.0044
F09WM	47	.6937	.0884	-3.0	.6667	.4754	.0044
F10WM	37	-.1565	.1040	0.7	.8115	.3424	.0058
F10WM	38	1.3765	.0830	-1.6	.5439	.4102	.0029
F10WM	39	-.7715	.1239	0.2	.8806	.2689	.0014
F10WM	40	-.3634	.1098	-1.2	.8374	.3453	.0014
F10WM	41	.8529	.0862	1.0	.6475	.2874	.0029
F10WM	42	.8529	.0862	-0.4	.6475	.3695	.0043
F10WM	43	.2234	.0954	-3.6	.7568	.5120	.0029
F10WM	44	-.3513	.1094	-0.3	.8360	.2755	.0029
F10WM	45	1.5664	.0827	-1.5	.5050	.4120	.0014
F10WM	46	1.3553	.0830	2.7	.5482	.2973	.0014
F10WM	47	2.8386	.0936	1.7	.2633	.2340	.0072
F11WM	37	2.5685	.0850	3.1	.3009	.2149	.0130
F11WM	38	.5462	.0853	-0.8	.6978	.3484	.0000
F11WM	39	.4359	.0869	0.0	.7173	.3476	.0000
F11WM	40	1.4748	.0788	-1.2	.5149	.3624	.0013
F11WM	41	.5607	.0851	0.3	.6952	.3615	.0052
F11WM	42	2.4949	.0841	4.5	.3139	.2075	.0052
F11WM	43	.4133	.0872	4.7	.7211	.1931	.0026
F11WM	44	1.5124	.0788	-2.1	.5071	.4057	.0026
F11WM	45	3.3925	.1007	3.3	.1777	.2373	.0039
F11WM	46	.4058	.0873	1.3	.7224	.3149	.0065
F11WM	47	.0507	.0938	-0.7	.7795	.3893	.0078
F12WM	37	.3042	.0939	-2.2	.7292	.4322	.0119
F12WM	38	-.5432	.1144	-0.3	.8467	.3061	.0030
F12WM	39	1.7444	.0844	2.5	.4524	.2849	.0000
F12WM	40	-.7242	.1206	-1.6	.8661	.4614	.0000
F12WM	41	1.7886	.0846	5.0	.4435	.1844	.0030
F12WM	42	.7913	.0875	-1.2	.6429	.4296	.0030
F12WM	43	-.0021	.0998	-3.6	.7768	.4928	.0000
F12WM	44	2.7941	.0957	3.3	.2574	.2216	.0000
F12WM	45	-.2380	.1055	-3.6	.8095	.5197	.0030
F12WM	46	2.8314	.0964	6.7	.2515	.1247	.0030
F12WM	47	-1.0472	.1337	0.9	.8958	.3266	.0030
F13WM	37	.2777	.1012	0.6	.7445	.2778	.0151
F13WM	38	.6419	.0954	-0.9	.6824	.4132	.0017
F13WM	39	-.4696	.1206	-2.6	.8471	.4361	.0017
F13WM	40	.7521	.0940	0.4	.6622	.3298	.0050
F13WM	41	.6326	.0955	-2.2	.6840	.3989	.0034

Table 19-47 (continued). Grade 10 Writing—Multiple-Choice Items

Form	Seq	Logit	SE	Fit	p-value	PtBis	Omits
F13WM	42	-.5298	.1227	-1.2	.8538	.3697	.0050
F13WM	43	-.9849	.1414	-2.8	.8975	.4176	.0017
F13WM	44	-.1066	.1098	-2.5	.8017	.4574	.0017
F13WM	45	1.3610	.0898	4.1	.5429	.2117	.0084
F13WM	46	-.0221	.1077	0.6	.7899	.3224	.0017
F13WM	47	-1.3516	.1608	-1.1	.9244	.3079	.0017
F14WM	37	-.2645	.1036	-3.1	.8295	.4640	.0081
F14WM	38	2.2500	.0831	4.3	.3694	.1775	.0014
F14WM	39	.1289	.0942	2.2	.7754	.2815	.0041
F14WM	40	1.0692	.0818	-0.3	.6089	.3241	.0027
F14WM	41	1.0213	.0821	0.0	.6184	.3494	.0014
F14WM	42	.8891	.0832	-2.4	.6441	.4181	.0041
F14WM	43	.4575	.0884	-3.0	.7226	.4800	.0014
F14WM	44	1.2577	.0808	0.2	.5710	.3558	.0000
F14WM	45	1.6065	.0802	-1.0	.4993	.4121	.0000
F14WM	46	.1379	.0940	1.3	.7740	.2126	.0041
F14WM	47	1.2710	.0807	1.7	.5683	.2872	.0054

Table 19-48. Grade 10 Writing—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value ¹	PtBis	Omits
F01WM	35	2	1.7243	.0515	-0.7	.4101	.5004	.0336
F01WM	36	4	.9631	.0488	-2.5	.3176	.6304	.0401
F02WM	35	2	2.4125	.0635	-1.5	.3406	.4505	.0507
F02WM	36	4	.8587	.0532	-1.0	.3739	.5721	.0261
F03WM	35	2	1.4648	.0600	-5.0	.4897	.6227	.0265
F03WM	36	4	1.3640	.0536	0.0	.2670	.5580	.0442
F04WM	35	2	1.0815	.0640	-2.8	.5519	.6381	.0273
F04WM	36	4	1.3882	.0611	-0.5	.2578	.6015	.0583
F05WM	35	2	2.7309	.0668	-3.7	.2434	.5214	.0455
F05WM	36	4	1.0039	.0526	-1.0	.3450	.5937	.0425
F06WM	35	2	2.1998	.0699	-1.3	.3939	.4761	.0189
F06WM	36	4	1.1994	.0562	-1.9	.3169	.5720	.0305
F07WM	35	2	1.8087	.0632	-1.5	.4377	.5567	.0399
F07WM	36	4	1.0735	.0630	-0.2	.3215	.5132	.0160
F08WM	35	2	1.7355	.0722	-4.9	.4750	.6023	.0259
F08WM	36	4	1.1189	.0581	0.1	.3263	.5215	.0293
F09WM	35	2	1.8576	.0548	0.8	.4111	.4419	.0252
F09WM	36	4	1.0028	.0487	0.2	.3611	.5507	.0533
F10WM	35	2	2.5494	.0653	-0.8	.3216	.4166	.0331
F10WM	36	4	.7704	.0579	-1.7	.3633	.5499	.0144
F11WM	35	2	1.2838	.0583	-3.4	.5577	.5789	.0246
F11WM	36	4	.9609	.0501	-2.3	.3635	.6084	.0259

¹ p-value = Mean Score/Maximum Score

Table 19-48 (continued). Grade 10 Writing—Constructed-Response Items

Form	Seq	Max Pts	Logit	SE	Fit	p-value¹	PtBis	Omits
F12WM	35	2	1.0868	.0575	-2.3	.5915	.5844	.0238
F12WM	36	4	.7264	.0560	0.8	.3668	.4897	.0164
F13WM	35	2	2.5852	.0686	-2.1	.2899	.4878	.0370
F13WM	36	4	1.4223	.0574	-0.9	.2723	.5482	.0370
F14WM	35	2	2.3583	.0666	-1.2	.3796	.4684	.0230
F14WM	36	4	1.3311	.0540	-2.4	.2974	.5877	.0271

¹ p-value = Mean Score/Maximum Score

