

Appendix A
Summary Item Statistics

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Table A1
Summary Item Statistics - Mathematics Grade 3, Form 1 (Form A, C, E Operational Items)
N=36,935

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
1	C	MC	0.86	0.28	0.28	-0.19	-0.12	-0.06	-0.10
2	C	MC	0.92	0.27	-0.12	0.27	-0.14	-0.11	-0.11
4	C	MC	0.89	0.34	-0.13	-0.22	0.34	-0.16	-0.10
10	C	MC	0.90	0.40	-0.16	-0.25	0.40	-0.22	.
12	C	MC	0.90	0.37	0.37	-0.19	-0.15	-0.22	.
13	C	MC	0.88	0.44	-0.22	-0.27	-0.21	0.44	.
14	C	MC	0.88	0.29	-0.15	-0.12	0.29	-0.19	.
16	C	MC	0.96	0.28	0.28	-0.16	-0.14	-0.11	.
17	C	MC	0.91	0.31	-0.09	-0.07	-0.25	0.31	.
18	C	MC	0.97	0.23	-0.12	-0.10	-0.10	0.23	.
24	C	MC	0.97	0.31	-0.19	-0.12	0.31	-0.12	.
31A	U	CR	0.80	0.46	.	.	.	.	.
31B	U	CR	0.50	0.52	.	.	.	.	.
32	C	MC	0.97	0.35	-0.22	-0.17	0.35	-0.15	.
33	C	MC	0.64	0.37	-0.22	-0.21	0.37	-0.15	.
34	C	MC	0.66	0.43	0.43	-0.20	-0.20	-0.21	.
35	C	MC	0.67	0.29	-0.16	-0.20	0.29	-0.13	.
36	C	MC	0.93	0.39	-0.22	0.39	-0.19	-0.18	.
37	C	MC	0.48	0.21	-0.02	-0.19	-0.06	0.21	.
38A	U	CR	0.87	0.40	.	.	.	.	.
38B	U	CR	0.68	0.47	.	.	.	.	.
39	C	MC	0.96	0.31	-0.17	-0.14	0.31	-0.13	.
40	C	MC	0.78	0.49	-0.25	-0.28	0.49	-0.20	.
41	C	MC	0.91	0.37	-0.25	-0.16	0.37	-0.20	.
42	C	MC	0.90	0.26	-0.14	-0.09	-0.14	0.26	.
43	C	MC	0.33	0.33	-0.16	-0.12	0.33	-0.05	.
44	C	MC	0.81	0.36	0.36	-0.16	-0.18	-0.22	.
45A	U	CR	0.65	0.47	.	.	.	.	.
45B	U	CR	0.63	0.55	.	.	.	.	.
46	C	MC	0.57	0.39	-0.18	-0.16	0.39	-0.18	.
47	C	MC	0.90	0.49	-0.26	-0.24	0.49	-0.24	.
48	C	MC	0.71	0.42	-0.28	-0.11	-0.16	0.42	.
49	C	MC	0.76	0.42	-0.21	0.42	-0.24	-0.19	.
50	C	MC	0.86	0.44	-0.21	-0.29	-0.12	0.44	.
51	C	MC	0.45	0.41	-0.33	-0.06	-0.12	0.41	.
52	C	MC	0.94	0.41	-0.20	-0.23	-0.20	0.41	.
53	C	MC	0.81	0.35	-0.19	0.35	-0.19	-0.15	.

Table A1 (Cont.)
Summary Item Statistics - Mathematics Grade 3, Form 1 (Form A, C, E Operational Items)
N=36,935

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
54	C	MC	0.74	0.50	-0.27	-0.26	0.50	-0.23	.
55	C	MC	0.93	0.45	0.45	-0.22	-0.26	-0.21	.
56	C	MC	0.86	0.43	0.43	-0.22	-0.26	-0.21	.
57	C	MC	0.69	0.49	-0.28	0.49	-0.24	-0.18	.
58A	U	CR	0.83	0.43	.	.	.	.	.
58B	U	CR	0.71	0.46	.	.	.	.	.
59	C	MC	0.77	0.42	0.42	-0.22	-0.23	-0.19	.
60	C	MC	0.85	0.37	-0.26	-0.13	-0.17	0.37	.
61	C	MC	0.61	0.47	-0.29	0.47	-0.17	-0.20	.
62	C	MC	0.52	0.43	-0.29	-0.11	-0.12	0.43	.
63	C	MC	0.61	0.35	-0.18	0.35	-0.11	-0.24	.
64	C	MC	0.79	0.48	-0.28	-0.25	-0.20	0.48	.
65	C	MC	0.87	0.39	-0.29	0.39	-0.13	-0.13	.
66A	C	CR	0.72	0.43	.	.	.	.	.
66B	C	CR	0.57	0.61	.	.	.	.	.
67	C	MC	0.86	0.24	0.24	-0.12	-0.14	-0.11	.
68	C	MC	0.68	0.46	-0.20	0.46	-0.19	-0.28	.
69	C	MC	0.58	0.49	-0.31	-0.19	-0.14	0.49	.
70	C	MC	0.92	0.39	-0.22	0.39	-0.16	-0.21	.
71	C	MC	0.73	0.57	-0.17	0.57	-0.30	-0.36	.
72A	C	CR	0.78	0.43	.	.	.	.	.
72B	C	CR	0.68	0.42	.	.	.	.	.
73	C	MC	0.80	0.50	-0.23	-0.31	0.50	-0.20	.
74	C	MC	0.55	0.43	-0.20	-0.20	-0.17	0.43	.
75	C	MC	0.96	0.31	-0.14	-0.14	0.31	-0.14	.
76	C	MC	0.53	0.30	-0.24	-0.06	-0.07	0.30	.
77A	C	CR	0.82	0.48	.	.	.	.	.
77B	C	CR	0.55	0.52	.	.	.	.	.

Table A2
Summary Item Statistics - Mathematics Grade 3, Form 2 (Form B, D Operational Items)
N=24,574

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
1	C	MC	0.86	0.29	0.29	-0.20	-0.12	-0.07	-0.10
2	C	MC	0.92	0.27	-0.11	0.27	-0.13	-0.10	-0.12
4	C	MC	0.89	0.32	-0.12	-0.22	0.32	-0.16	-0.08
10	C	MC	0.90	0.38	-0.15	-0.23	0.38	-0.22	.
12	C	MC	0.91	0.36	0.36	-0.18	-0.16	-0.21	.
13	C	MC	0.88	0.44	-0.21	-0.26	-0.22	0.44	.
14	C	MC	0.88	0.30	-0.11	-0.13	0.30	-0.20	.
16	C	MC	0.96	0.27	0.27	-0.15	-0.13	-0.12	.
17	C	MC	0.91	0.30	-0.10	-0.05	-0.25	0.30	.
18	C	MC	0.97	0.21	-0.12	-0.08	-0.08	0.21	.
24	C	MC	0.97	0.30	-0.19	-0.12	0.30	-0.11	.
31A	U	CR	0.56	0.26	.	.	.	.	.
31B	U	CR	0.68	0.52	.	.	.	.	.
32	C	MC	0.97	0.34	-0.19	-0.16	0.34	-0.14	.
33	C	MC	0.64	0.36	-0.20	-0.21	0.36	-0.16	.
34	C	MC	0.67	0.42	0.42	-0.20	-0.19	-0.22	.
35	C	MC	0.68	0.29	-0.14	-0.19	0.29	-0.13	.
36	C	MC	0.93	0.38	-0.20	0.38	-0.20	-0.17	.
37	C	MC	0.47	0.21	-0.02	-0.19	-0.06	0.21	.
38A	U	CR	0.63	0.10	.	.	.	.	.
38B	U	CR	0.39	0.40	.	.	.	.	.
39	C	MC	0.96	0.29	-0.15	-0.12	0.29	-0.13	.
40	C	MC	0.79	0.48	-0.24	-0.27	0.48	-0.20	.
41	C	MC	0.92	0.36	-0.24	-0.15	0.36	-0.19	.
42	C	MC	0.89	0.25	-0.12	-0.07	-0.16	0.25	.
43	C	MC	0.34	0.33	-0.17	-0.12	0.33	-0.04	.
44	C	MC	0.81	0.35	0.35	-0.15	-0.18	-0.21	.
45A	U	CR	0.66	0.45	.	.	.	.	.
45B	U	CR	0.60	0.44	.	.	.	.	.
46	C	MC	0.58	0.39	-0.17	-0.16	0.39	-0.18	.
47	C	MC	0.90	0.48	-0.26	-0.24	0.48	-0.21	.
48	C	MC	0.71	0.41	-0.27	-0.10	-0.17	0.41	.
49	C	MC	0.76	0.42	-0.21	0.42	-0.23	-0.19	.
50	C	MC	0.86	0.42	-0.20	-0.29	-0.10	0.42	.
51	C	MC	0.45	0.40	-0.33	-0.05	-0.12	0.40	.
52	C	MC	0.95	0.38	-0.19	-0.22	-0.19	0.38	.
53	C	MC	0.82	0.34	-0.19	0.34	-0.19	-0.14	.

Table A2 (cont.)
Summary Item Statistics - Mathematics Grade 3, Form 2 (Form B, D Operational Items)
N=24,574

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
54	C	MC	0.74	0.50	-0.29	-0.25	0.50	-0.22	.
55	C	MC	0.93	0.43	0.43	-0.21	-0.26	-0.20	.
56	C	MC	0.86	0.42	0.42	-0.22	-0.24	-0.22	.
57	C	MC	0.69	0.48	-0.28	0.48	-0.24	-0.18	.
58A	U	CR	0.90	0.36	.	.	.	.	.
58B	U	CR	0.46	0.41	.	.	.	.	.
59	C	MC	0.78	0.40	0.40	-0.21	-0.23	-0.19	.
60	C	MC	0.85	0.36	-0.24	-0.13	-0.17	0.36	.
61	C	MC	0.62	0.47	-0.29	0.47	-0.17	-0.20	.
62	C	MC	0.53	0.43	-0.29	-0.11	-0.12	0.43	.
63	C	MC	0.59	0.33	-0.19	0.33	-0.09	-0.24	.
64	C	MC	0.81	0.47	-0.27	-0.24	-0.21	0.47	.
65	C	MC	0.87	0.40	-0.29	0.40	-0.14	-0.13	.
66A	C	CR	0.72	0.43	.	.	.	.	.
66B	C	CR	0.56	0.60	.	.	.	.	.
67	C	MC	0.86	0.22	0.22	-0.12	-0.13	-0.10	.
68	C	MC	0.69	0.46	-0.20	0.46	-0.20	-0.28	.
69	C	MC	0.58	0.50	-0.30	-0.20	-0.16	0.50	.
70	C	MC	0.92	0.36	-0.19	0.36	-0.15	-0.20	.
71	C	MC	0.73	0.56	-0.17	0.56	-0.30	-0.35	.
72A	C	CR	0.79	0.42	.	.	.	.	.
72B	C	CR	0.68	0.41	.	.	.	.	.
73	C	MC	0.81	0.48	-0.22	-0.31	0.48	-0.18	.
74	C	MC	0.53	0.42	-0.18	-0.20	-0.17	0.42	.
75	C	MC	0.97	0.29	-0.15	-0.11	0.29	-0.14	.
76	C	MC	0.53	0.30	-0.23	-0.07	-0.08	0.30	.
77A	C	CR	0.83	0.47	.	.	.	.	.
77B	C	CR	0.55	0.52	.	.	.	.	.

Table A3
Summary Item Statistics - Mathematics Grade 4, Form 1 (Form A, C, E Operational Items)
N=38,004

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
1	C	MC	0.81	0.34	-0.17	-0.15	0.34	-0.17	-0.14
2	C	MC	0.66	0.34	0.34	-0.29	-0.05	-0.10	-0.09
3	C	MC	0.83	0.38	-0.17	-0.18	-0.13	0.38	-0.19
4	C	MC	0.59	0.38	-0.25	-0.14	-0.07	0.38	-0.15
10	C	MC	0.53	0.38	-0.16	-0.12	-0.23	0.38	.
17	C	MC	0.90	0.42	-0.30	0.42	-0.17	-0.16	.
18	C	MC	0.56	0.40	0.40	-0.23	-0.14	-0.23	.
20	C	MC	0.74	0.42	-0.22	0.42	-0.20	-0.22	.
27	C	MC	0.61	0.40	-0.18	-0.19	0.40	-0.22	.
31	C	MC	0.51	0.46	-0.17	0.46	-0.10	-0.30	.
33A	U	CR	0.84	0.26	.	.	.	.	.
33B	U	CR	0.38	0.47	.	.	.	.	.
34	U	MC	0.76	0.22	0.22	-0.13	-0.13	-0.14	.
35	C	MC	0.79	0.44	-0.19	0.44	-0.22	-0.25	.
36	C	MC	0.72	0.33	-0.10	0.33	-0.11	-0.25	.
37	C	MC	0.90	0.39	-0.25	-0.18	-0.17	0.39	.
38	C	MC	0.63	0.53	-0.27	-0.24	-0.25	0.53	.
39	C	MC	0.82	0.41	-0.17	-0.27	-0.18	0.41	.
40A	U	CR	0.74	0.42	.	.	.	.	.
40B	U	CR	0.46	0.60	.	.	.	.	.
41	C	MC	0.48	0.47	-0.24	-0.16	0.47	-0.24	.
42	C	MC	0.57	0.47	-0.34	-0.24	-0.11	0.47	.
43	C	MC	0.57	0.52	-0.24	-0.18	0.52	-0.27	.
44	C	MC	0.50	0.39	-0.09	-0.12	0.39	-0.24	.
45	C	MC	0.87	0.35	-0.14	0.35	-0.20	-0.16	.
46	U	MC	0.46	0.46	-0.20	0.46	-0.15	-0.24	.
47A	U	CR	0.52	0.49	.	.	.	.	.
47B	U	CR	0.35	0.61	.	.	.	.	.
48	U	MC	0.62	0.39	-0.13	0.39	-0.20	-0.16	.
49	C	MC	0.39	0.38	-0.07	-0.24	-0.05	0.38	.
50	C	MC	0.68	0.39	-0.15	-0.21	0.39	-0.19	.
51	C	MC	0.86	0.34	-0.16	-0.16	0.34	-0.16	.
52	C	MC	0.64	0.44	-0.17	-0.18	-0.23	0.44	.
53	C	MC	0.82	0.41	-0.22	-0.17	-0.24	0.41	.
54	C	MC	0.52	0.41	-0.27	0.41	-0.07	-0.19	.
55	C	MC	0.87	0.32	0.32	-0.22	-0.15	-0.12	.
56	U	MC	0.52	0.34	-0.08	0.34	-0.09	-0.25	.

Table A3 (cont.)
Summary Item Statistics - Mathematics Grade 4, Form 1 (Form A, C, E Operational Items)
N=38,004

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
57	C	MC	0.87	0.23	0.23	-0.14	-0.12	-0.13	.
58	C	MC	0.72	0.50	-0.29	-0.22	-0.24	0.50	.
59	U	MC	0.44	0.39	-0.07	-0.11	0.39	-0.28	.
60A	U	CR	0.52	0.54	.	.	.	.	.
60B	U	CR	0.36	0.62	.	.	.	.	.
61	C	MC	0.59	0.35	-0.17	-0.22	0.35	-0.08	.
62	C	MC	0.82	0.39	-0.11	0.39	-0.28	-0.18	.
63	C	MC	0.65	0.49	-0.10	-0.28	-0.28	0.49	.
64	C	MC	0.58	0.46	-0.25	-0.19	0.46	-0.20	.
65	C	MC	0.57	0.30	-0.19	0.30	-0.11	-0.08	.
66	C	MC	0.73	0.47	-0.17	0.47	-0.21	-0.30	.
67	C	MC	0.64	0.53	-0.20	-0.32	-0.23	0.53	.
68A	U	CR	0.65	0.53	.	.	.	.	.
68B	U	CR	0.56	0.61	.	.	.	.	.
69	U	MC	0.67	0.38	-0.34	-0.15	0.38	-0.03	.
70	U	MC	0.77	0.49	-0.30	-0.26	-0.18	0.49	.
71	U	MC	0.63	0.40	-0.15	0.40	-0.21	-0.24	.
72	U	MC	0.53	0.43	-0.15	-0.28	0.43	-0.17	.
73	U	MC	0.89	0.25	-0.12	-0.14	-0.12	0.25	.
74A	U	CR	0.34	0.49	.	.	.	.	.
74B	U	CR	0.39	0.50	.	.	.	.	.
75A	U	CR	0.35	0.51	.	.	.	.	.
75B	U	CR	0.45	0.55	.	.	.	.	.
76	U	MC	0.90	0.27	-0.12	0.27	-0.15	-0.12	.
77	U	MC	0.75	0.52	-0.35	-0.20	0.52	-0.20	.
78	U	MC	0.55	0.37	-0.18	0.37	-0.09	-0.23	.
79	U	MC	0.76	0.46	-0.19	-0.17	0.46	-0.31	.

Table A4
Summary Item Statistics - Mathematics Grade 4, Form 2 (Form B, D Operational Items)
N=25,326

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
1	C	MC	0.81	0.33	-0.17	-0.15	0.33	-0.17	-0.13
2	C	MC	0.66	0.35	0.35	-0.30	-0.04	-0.10	-0.08
3	C	MC	0.83	0.37	-0.16	-0.19	-0.13	0.37	-0.18
4	C	MC	0.60	0.39	-0.24	-0.15	-0.08	0.39	-0.17
10	C	MC	0.53	0.38	-0.15	-0.12	-0.24	0.38	.
17	C	MC	0.91	0.42	-0.30	0.42	-0.17	-0.17	.
18	C	MC	0.56	0.41	0.41	-0.24	-0.14	-0.24	.
20	C	MC	0.74	0.42	-0.21	0.42	-0.19	-0.24	.
27	C	MC	0.61	0.40	-0.17	-0.20	0.40	-0.23	.
31	C	MC	0.51	0.46	-0.16	0.46	-0.09	-0.31	.
33A	U	CR	0.80	0.49	.	.	.	.	.
33B	U	CR	0.54	0.47	.	.	.	.	.
34	U	MC	0.92	0.29	-0.16	-0.16	-0.13	0.29	.
35	C	MC	0.80	0.43	-0.18	0.43	-0.22	-0.25	.
36	C	MC	0.72	0.33	-0.11	0.33	-0.12	-0.24	.
37	C	MC	0.91	0.39	-0.24	-0.19	-0.18	0.39	.
38	C	MC	0.64	0.55	-0.28	-0.24	-0.26	0.55	.
39	U	MC	0.89	0.37	0.37	-0.17	-0.20	-0.20	.
40A	U	CR	0.49	0.40	.	.	.	.	.
40B	U	CR	0.34	0.53	.	.	.	.	.
41	C	MC	0.50	0.45	-0.23	-0.16	0.45	-0.23	.
42	C	MC	0.57	0.48	-0.34	-0.25	-0.12	0.48	.
43	U	MC	0.69	0.46	-0.22	-0.18	0.46	-0.26	.
44	C	MC	0.88	0.32	-0.15	0.32	-0.18	-0.14	.
45	C	MC	0.50	0.38	-0.08	-0.12	0.38	-0.25	.
46	C	MC	0.57	0.52	-0.25	-0.17	0.52	-0.28	.
47A	U	CR	0.47	0.55	.	.	.	.	.
47B	U	CR	0.32	0.59	.	.	.	.	.
48	C	MC	0.83	0.42	-0.18	-0.25	-0.17	0.42	.
49	C	MC	0.39	0.38	-0.07	-0.26	-0.05	0.38	.
50	C	MC	0.69	0.36	-0.14	-0.21	0.36	-0.19	.
51	C	MC	0.88	0.34	-0.17	-0.17	0.34	-0.15	.
52	C	MC	0.60	0.42	-0.15	-0.19	-0.21	0.42	.
53	C	MC	0.82	0.42	-0.22	-0.18	-0.25	0.42	.
54	C	MC	0.52	0.42	-0.27	0.42	-0.07	-0.20	.
55	C	MC	0.88	0.31	0.31	-0.21	-0.15	-0.12	.
56	C	MC	0.74	0.50	-0.28	-0.23	-0.25	0.50	.

Table A4 (cont.)
Summary Item Statistics - Mathematics Grade 4, Form 2 (Form B, D Operational Items)
N=25,326

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
57	C	MC	0.88	0.21	0.21	-0.15	-0.10	-0.12	.
58	U	MC	0.45	0.31	0.31	-0.11	-0.17	-0.10	.
59	U	MC	0.60	0.41	-0.17	-0.17	-0.30	0.41	.
60A	U	CR	0.93	0.23	.	.	.	.	.
60B	U	CR	0.38	0.49	.	.	.	.	.
61	C	MC	0.59	0.34	-0.17	-0.23	0.34	-0.08	.
62	C	MC	0.83	0.38	-0.10	0.38	-0.28	-0.18	.
63	C	MC	0.68	0.49	-0.08	-0.29	-0.29	0.49	.
64	C	MC	0.59	0.46	-0.26	-0.21	0.46	-0.18	.
65	C	MC	0.58	0.31	-0.19	0.31	-0.12	-0.08	.
66	C	MC	0.77	0.47	-0.17	0.47	-0.22	-0.29	.
67	C	MC	0.66	0.53	-0.20	-0.32	-0.24	0.53	.
68A	U	CR	0.57	0.49	.	.	.	.	.
68B	U	CR	0.44	0.60	.	.	.	.	.
69	U	MC	0.29	0.39	-0.19	-0.23	0.39	-0.11	.
70	U	MC	0.77	0.51	-0.22	0.51	-0.28	-0.28	.
71	U	MC	0.81	0.52	0.52	-0.23	-0.29	-0.31	.
72	U	MC	0.52	0.46	-0.07	0.46	-0.33	-0.20	.
73	U	MC	0.80	0.48	-0.33	-0.22	0.48	-0.17	.
74A	U	CR	0.32	0.55	.	.	.	.	.
74B	U	CR	0.36	0.62	.	.	.	.	.
75A	U	CR	0.59	0.59	.	.	.	.	.
75B	U	CR	0.39	0.57	.	.	.	.	.
76	U	MC	0.61	0.54	-0.38	-0.22	-0.16	0.54	.
77	U	MC	0.72	0.33	0.33	-0.23	-0.09	-0.19	.
78	U	MC	0.89	0.31	-0.14	-0.15	-0.16	0.31	.
79	U	MC	0.45	0.41	-0.15	-0.17	-0.23	0.41	.

Table A5
Summary Item Statistics - Mathematics Grade 5, Form 1 (Form A, C, E Operational Items)
N=39,109

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
2	C	MC	0.74	0.47	0.47	-0.22	-0.20	-0.22	-0.18
4	C	MC	0.69	0.47	-0.16	0.47	-0.23	-0.22	-0.20
6	C	MC	0.81	0.40	-0.28	-0.10	-0.16	0.40	-0.14
8	C	MC	0.63	0.45	-0.18	0.45	-0.24	-0.17	.
12	C	MC	0.75	0.48	-0.18	0.48	-0.33	-0.21	.
13	C	MC	0.81	0.25	-0.11	-0.17	-0.12	0.25	.
17	C	MC	0.67	0.12	-0.04	-0.02	-0.09	0.12	.
23	C	MC	0.68	0.54	-0.27	0.54	-0.33	-0.20	.
26	C	MC	0.55	0.51	-0.19	0.51	-0.15	-0.37	.
27	C	MC	0.66	0.55	-0.24	-0.21	-0.34	0.55	.
28	C	MC	0.66	0.40	-0.23	0.40	-0.21	-0.13	.
31	C	MC	0.61	0.50	-0.30	0.50	-0.21	-0.20	.
32	C	MC	0.84	0.43	-0.24	-0.22	0.43	-0.20	.
33A	U	CR	0.58	0.62	.	.	.	.	.
33B	U	CR	0.59	0.61	.	.	.	.	.
34	C	MC	0.91	0.32	-0.16	0.32	-0.19	-0.17	.
35	C	MC	0.64	0.47	-0.23	-0.24	0.47	-0.22	.
36	C	MC	0.65	0.41	0.41	-0.19	-0.21	-0.20	.
37	C	MC	0.83	0.38	-0.14	-0.20	-0.24	0.38	.
38	C	MC	0.59	0.28	0.28	-0.21	-0.05	-0.15	.
39	C	MC	0.50	0.30	-0.10	-0.18	-0.13	0.30	.
40A	U	CR	0.62	0.43	.	.	.	.	.
40B	U	CR	0.46	0.67	.	.	.	.	.
41	C	MC	0.52	0.45	-0.13	0.45	-0.27	-0.24	.
42	C	MC	0.65	0.38	0.38	-0.21	-0.21	-0.18	.
43	C	MC	0.33	0.23	-0.03	0.23	-0.13	-0.10	.
44	C	MC	0.84	0.41	-0.15	0.41	-0.21	-0.26	.
45	C	MC	0.70	0.40	-0.17	0.40	-0.26	-0.16	.
46	C	MC	0.51	0.36	-0.20	0.36	-0.11	-0.16	.
47A	C	CR	0.34	0.50	.	.	.	.	.
47B	C	CR	0.53	0.63	.	.	.	.	.
48	C	MC	0.41	0.45	-0.24	-0.20	-0.09	0.45	.
49	C	MC	0.36	0.33	-0.04	0.33	-0.16	-0.18	.
50	C	MC	0.56	0.32	-0.08	-0.19	-0.18	0.32	.
51	C	MC	0.66	0.48	0.48	-0.27	-0.24	-0.21	.
52	C	MC	0.28	0.16	0.10	-0.10	0.16	-0.17	.
53	C	MC	0.57	0.41	-0.29	0.41	-0.09	-0.19	.

Table A5 (cont.)
Summary Item Statistics - Mathematics Grade 5, Form 1 (Form A, C, E Operational Items)
N=39,109

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
54	C	MC	0.70	0.16	-0.02	-0.13	0.16	-0.08	.
55	C	MC	0.45	0.42	-0.34	-0.14	0.42	-0.04	.
56	C	MC	0.71	0.31	-0.23	0.31	-0.05	-0.17	.
57A	U	CR	0.54	0.52	.	.	.	.	.
57B	U	CR	0.49	0.63	.	.	.	.	.
58	C	MC	0.70	0.50	-0.21	-0.30	-0.24	0.50	.
59	C	MC	0.77	0.42	-0.18	-0.31	-0.13	0.42	.
60	C	MC	0.75	0.48	0.48	-0.20	-0.24	-0.29	.
61	C	MC	0.66	0.44	-0.23	-0.20	-0.20	0.44	.
62	C	MC	0.56	0.49	-0.19	0.49	-0.22	-0.25	.
63A	C	CR	0.71	0.59	.	.	.	.	.
63B	C	CR	0.57	0.56	.	.	.	.	.
64A	U	CR	0.39	0.48	.	.	.	.	.
64B	U	CR	0.27	0.53	.	.	.	.	.
65	C	MC	0.71	0.48	-0.19	0.48	-0.21	-0.32	.
66	C	MC	0.44	0.33	-0.23	-0.10	0.33	-0.09	.
67	C	MC	0.66	0.49	0.49	-0.22	-0.31	-0.17	.
68	C	MC	0.75	0.46	-0.23	0.46	-0.22	-0.24	.
69	C	MC	0.53	0.47	-0.22	0.47	-0.24	-0.17	.
70A	C	CR	0.68	0.52	.	.	.	.	.
70B	C	CR	0.77	0.58	.	.	.	.	.
71	C	MC	0.61	0.45	-0.26	-0.16	-0.20	0.45	.
72	C	MC	0.21	0.08	0.08	-0.23	0.12	-0.04	.
73	C	MC	0.61	0.55	-0.09	-0.44	0.55	-0.17	.
74	C	MC	0.76	0.29	-0.08	0.29	-0.21	-0.16	.
75	C	MC	0.80	0.42	0.42	-0.23	-0.17	-0.23	.
76A	U	CR	0.39	0.57	.	.	.	.	.
76B	U	CR	0.40	0.61	.	.	.	.	.

Table A6
Summary Item Statistics - Mathematics Grade 5, Form 2 (Form B, D Operational Items)
N=26,014

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
2	C	MC	0.74	0.46	0.46	-0.22	-0.20	-0.21	-0.17
4	C	MC	0.69	0.46	-0.15	0.46	-0.22	-0.22	-0.20
6	C	MC	0.82	0.40	-0.28	-0.10	-0.15	0.40	-0.14
8	C	MC	0.63	0.45	-0.17	0.45	-0.24	-0.16	.
12	C	MC	0.75	0.46	-0.17	0.46	-0.31	-0.22	.
13	C	MC	0.80	0.25	-0.10	-0.17	-0.12	0.25	.
17	C	MC	0.66	0.11	-0.03	-0.02	-0.09	0.11	.
23	C	MC	0.68	0.52	-0.26	0.52	-0.30	-0.20	.
26	C	MC	0.55	0.50	-0.20	0.50	-0.14	-0.36	.
27	C	MC	0.66	0.55	-0.24	-0.21	-0.33	0.55	.
28	C	MC	0.66	0.39	-0.22	0.39	-0.21	-0.13	.
31	C	MC	0.61	0.49	-0.29	0.49	-0.20	-0.18	.
32	C	MC	0.83	0.44	-0.25	-0.22	0.44	-0.19	.
33A	U	CR	0.48	0.46	.	.	.	.	.
33B	U	CR	0.56	0.53	.	.	.	.	.
34	C	MC	0.91	0.32	-0.16	0.32	-0.19	-0.16	.
35	C	MC	0.64	0.47	-0.22	-0.24	0.47	-0.21	.
36	C	MC	0.65	0.41	0.41	-0.19	-0.21	-0.19	.
37	C	MC	0.83	0.37	-0.14	-0.19	-0.23	0.37	.
38	C	MC	0.59	0.27	0.27	-0.20	-0.05	-0.15	.
39	C	MC	0.49	0.29	-0.09	-0.18	-0.13	0.29	.
40A	U	CR	0.62	0.60	.	.	.	.	.
40B	U	CR	0.53	0.71	.	.	.	.	.
41	C	MC	0.52	0.45	-0.10	0.45	-0.30	-0.23	.
42	C	MC	0.65	0.39	0.39	-0.21	-0.20	-0.18	.
43	C	MC	0.32	0.22	-0.01	0.22	-0.13	-0.09	.
44	C	MC	0.84	0.41	-0.15	0.41	-0.20	-0.26	.
45	C	MC	0.70	0.40	-0.16	0.40	-0.24	-0.16	.
46	C	MC	0.50	0.33	-0.18	0.33	-0.08	-0.14	.
47A	C	CR	0.33	0.51	.	.	.	.	.
47B	C	CR	0.52	0.62	.	.	.	.	.
48	C	MC	0.39	0.44	-0.22	-0.18	-0.09	0.44	.
49	C	MC	0.34	0.31	-0.03	0.31	-0.14	-0.17	.
50	C	MC	0.55	0.31	-0.08	-0.17	-0.16	0.31	.
51	C	MC	0.66	0.50	0.50	-0.26	-0.25	-0.23	.
52	C	MC	0.27	0.13	0.12	-0.11	0.13	-0.14	.
53	C	MC	0.58	0.43	-0.30	0.43	-0.09	-0.20	.

Table A6 (cont.)
Summary Item Statistics - Mathematics Grade 5, Form 2 (Form B, D Operational Items)
N=26,014

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
54	C	MC	0.71	0.16	-0.03	-0.12	0.16	-0.08	.
55	C	MC	0.45	0.41	-0.32	-0.13	0.41	-0.05	.
56	C	MC	0.71	0.31	-0.23	0.31	-0.06	-0.16	.
57A	U	CR	0.91	0.13	.	.	.	.	.
57B	U	CR	0.43	0.43	.	.	.	.	.
58	C	MC	0.70	0.49	-0.22	-0.28	-0.23	0.49	.
59	C	MC	0.78	0.41	-0.18	-0.31	-0.12	0.41	.
60	C	MC	0.76	0.48	0.48	-0.21	-0.23	-0.28	.
61	C	MC	0.67	0.44	-0.22	-0.19	-0.21	0.44	.
62	C	MC	0.58	0.48	-0.19	0.48	-0.21	-0.25	.
63A	C	CR	0.75	0.60	.	.	.	.	.
63B	C	CR	0.61	0.57	.	.	.	.	.
64A	U	CR	0.93	0.32	.	.	.	.	.
64B	U	CR	0.48	0.49	.	.	.	.	.
65	C	MC	0.71	0.46	-0.18	0.46	-0.20	-0.30	.
66	C	MC	0.44	0.32	-0.24	-0.10	0.32	-0.08	.
67	C	MC	0.65	0.49	0.49	-0.22	-0.31	-0.17	.
68	C	MC	0.75	0.45	-0.22	0.45	-0.23	-0.23	.
69	C	MC	0.53	0.46	-0.21	0.46	-0.25	-0.15	.
70A	C	CR	0.68	0.52	.	.	.	.	.
70B	C	CR	0.77	0.57	.	.	.	.	.
71	C	MC	0.60	0.43	-0.26	-0.15	-0.17	0.43	.
72	C	MC	0.21	0.08	0.08	-0.23	0.13	-0.04	.
73	C	MC	0.61	0.53	-0.08	-0.43	0.53	-0.15	.
74	C	MC	0.76	0.29	-0.09	0.29	-0.20	-0.17	.
75	C	MC	0.79	0.41	0.41	-0.23	-0.16	-0.23	.
76A	U	CR	0.41	0.56	.	.	.	.	.
76B	U	CR	0.42	0.59	.	.	.	.	.

Table A7
Summary Item Statistics - Mathematics Grade 6, Form 1 (Form A, C, E Operational Items)
N=39,509

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
6	C	MC	0.71	0.46	0.46	-0.21	-0.13	-0.24	-0.15
13	C	MC	0.79	0.46	-0.25	-0.23	0.46	-0.18	.
17	C	MC	0.74	0.43	-0.26	-0.24	0.43	-0.09	.
18	C	MC	0.75	0.48	-0.13	-0.16	0.48	-0.35	.
20	C	MC	0.70	0.55	-0.32	-0.18	-0.28	0.55	.
32	C	MC	0.52	0.51	-0.24	-0.32	0.51	-0.05	.
33	C	MC	0.40	0.28	-0.12	-0.15	-0.03	0.28	.
34	C	MC	0.31	0.35	-0.19	-0.20	0.35	-0.01	.
35	C	MC	0.63	0.36	-0.20	0.36	-0.14	-0.13	.
36	C	MC	0.60	0.45	-0.24	-0.23	0.45	-0.11	.
37	U	MC	0.49	0.58	-0.14	-0.44	0.58	-0.09	.
38	C	MC	0.68	0.44	-0.14	0.44	-0.26	-0.21	.
39	C	MC	0.59	0.28	-0.10	0.28	-0.13	-0.10	.
40A	U	CR	0.42	0.65	.	.	.	.	.
40B	U	CR	0.31	0.67	.	.	.	.	.
41	C	MC	0.65	0.43	-0.17	0.43	-0.15	-0.24	.
42	U	MC	0.52	0.38	-0.30	-0.14	0.38	-0.01	.
43	C	MC	0.72	0.48	-0.19	-0.30	0.48	-0.18	.
44	U	MC	0.69	0.54	-0.31	-0.26	0.54	-0.15	.
45	C	MC	0.47	0.29	0.29	-0.02	-0.19	-0.19	.
46	U	MC	0.65	0.48	-0.21	-0.23	-0.21	0.48	.
47	U	MC	0.40	0.38	0.38	-0.17	-0.12	-0.16	.
48	C	MC	0.32	0.30	-0.19	0.00	-0.06	0.30	.
49A	U	CR	0.20	0.55	.	.	.	.	.
49B	U	CR	0.34	0.65	.	.	.	.	.
50	C	MC	0.72	0.43	-0.19	-0.17	-0.22	0.43	.
51	C	MC	0.55	0.44	-0.23	-0.15	0.44	-0.18	.
52	C	MC	0.29	0.47	-0.31	0.47	-0.23	0.03	.
53	C	MC	0.40	0.35	-0.12	-0.08	0.35	-0.20	.
54	C	MC	0.38	0.31	0.31	-0.23	-0.10	0.01	.
55	C	MC	0.44	0.40	-0.10	0.40	-0.17	-0.17	.
56	C	MC	0.49	0.34	0.34	-0.18	-0.18	-0.07	.
57	C	MC	0.59	0.49	-0.36	-0.18	0.49	-0.08	.
58A	U	CR	0.51	0.46	.	.	.	.	.
58B	U	CR	0.61	0.54	.	.	.	.	.
59	U	MC	0.63	0.44	-0.18	-0.20	-0.21	0.44	.
60	C	MC	0.46	0.45	-0.20	-0.14	0.45	-0.20	.

Table A7 (cont.)
Summary Item Statistics - Mathematics Grade 6, Form 1 (Form A, C, E Operational Items)
N=39,509

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
61	C	MC	0.60	0.46	-0.13	0.46	-0.21	-0.26	.
62	C	MC	0.59	0.39	-0.18	0.39	-0.19	-0.12	.
63	C	MC	0.78	0.36	-0.29	-0.10	0.36	-0.10	.
64A	U	CR	0.22	0.52	.	.	.	.	.
64B	U	CR	0.51	0.67	.	.	.	.	.
65	C	MC	0.86	0.44	0.44	-0.24	-0.21	-0.19	.
66	C	MC	0.81	0.32	-0.14	0.32	-0.15	-0.15	.
67	C	MC	0.56	0.44	0.44	-0.10	-0.28	-0.25	.
68	C	MC	0.48	0.56	-0.21	-0.16	-0.28	0.56	.
69A	U	CR	0.44	0.54	.	.	.	.	.
69B	U	CR	0.54	0.63	.	.	.	.	.
70	U	MC	0.68	0.39	-0.11	0.39	-0.25	-0.18	.
71	U	MC	0.46	0.36	-0.13	-0.22	-0.16	0.36	.
72	U	MC	0.73	0.44	-0.18	0.44	-0.30	-0.16	.
73	U	MC	0.56	0.21	-0.01	0.21	-0.21	-0.17	.
74	U	MC	0.45	0.36	-0.18	0.36	-0.21	-0.04	.
75	U	MC	0.46	0.47	-0.23	-0.18	-0.14	0.47	.
76	U	MC	0.47	0.29	-0.08	-0.14	-0.19	0.29	.
77	U	MC	0.49	0.40	-0.16	-0.15	0.40	-0.17	.
78A	U	CR	0.68	0.57	.	.	.	.	.
78B	U	CR	0.55	0.59	.	.	.	.	.
79	U	MC	0.69	0.53	-0.34	0.53	-0.22	-0.18	.
80	U	MC	0.78	0.48	-0.25	0.48	-0.21	-0.22	.
81A	U	CR	0.15	0.41	.	.	.	.	.
81B	U	CR	0.38	0.49	.	.	.	.	.

Table A8
Summary Item Statistics - Mathematics Grade 6, Form 2 (Form B, D Operational Items)
N=26,337

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
6	C	MC	0.71	0.47	0.47	-0.20	-0.12	-0.24	-0.14
13	C	MC	0.79	0.47	-0.25	-0.23	0.47	-0.18	.
17	C	MC	0.74	0.42	-0.24	-0.24	0.42	-0.08	.
18	C	MC	0.75	0.48	-0.12	-0.15	0.48	-0.35	.
20	C	MC	0.70	0.54	-0.30	-0.17	-0.27	0.54	.
32	C	MC	0.52	0.49	-0.23	-0.30	0.49	-0.05	.
33	C	MC	0.39	0.28	-0.12	-0.14	-0.01	0.28	.
34	C	MC	0.31	0.33	-0.18	-0.20	0.33	0.00	.
35	C	MC	0.60	0.44	-0.23	-0.22	0.44	-0.10	.
36	C	MC	0.71	0.42	-0.13	0.42	-0.26	-0.19	.
37	C	MC	0.60	0.37	-0.20	0.37	-0.13	-0.13	.
38	C	MC	0.58	0.25	-0.08	0.25	-0.11	-0.09	.
39A	U	CR	0.62	0.51	.	.	.	.	.
39B	U	CR	0.38	0.62	.	.	.	.	.
40	C	MC	0.65	0.42	-0.18	0.42	-0.14	-0.23	.
41	U	MC	0.38	0.37	-0.17	-0.13	0.37	-0.09	.
42	C	MC	0.65	0.50	-0.37	-0.17	0.50	-0.06	.
43	U	MC	0.30	0.23	0.00	0.23	-0.14	-0.04	.
44	C	MC	0.28	0.48	-0.34	0.48	-0.21	0.00	.
45	C	MC	0.43	0.31	0.31	-0.04	-0.14	-0.20	.
46	U	MC	0.50	0.36	-0.20	0.36	-0.11	-0.09	.
47	U	MC	0.33	0.46	-0.13	-0.12	0.46	-0.23	.
48	C	MC	0.39	0.33	-0.18	-0.03	-0.10	0.33	.
49A	U	CR	0.22	0.53	.	.	.	.	.
49B	U	CR	0.34	0.63	.	.	.	.	.
50	C	MC	0.71	0.43	-0.19	-0.17	-0.21	0.43	.
51	C	MC	0.53	0.42	-0.23	-0.12	0.42	-0.16	.
52	U	MC	0.50	0.31	-0.01	0.31	-0.16	-0.18	.
53	C	MC	0.63	0.47	-0.19	-0.26	0.47	-0.18	.
54	C	MC	0.33	0.27	-0.12	0.00	0.27	-0.17	.
55	C	MC	0.38	0.30	0.30	-0.21	-0.11	0.00	.
56	C	MC	0.38	0.34	-0.08	0.34	-0.13	-0.15	.
57	C	MC	0.54	0.29	0.29	-0.16	-0.19	-0.04	.
58A	U	CR	0.35	0.40	.	.	.	.	.
58B	U	CR	0.59	0.52	.	.	.	.	.
59	U	MC	0.66	0.42	-0.22	-0.11	0.42	-0.23	.
60	C	MC	0.46	0.45	-0.20	-0.14	0.45	-0.19	.

Table A8 (cont.)
Summary Item Statistics - Mathematics Grade 6, Form 2 (Form B, D Operational Items)
N=26,337

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
61	C	MC	0.60	0.47	-0.13	0.47	-0.22	-0.25	.
62	C	MC	0.48	0.58	-0.24	-0.16	-0.29	0.58	.
63	C	MC	0.59	0.39	-0.17	0.39	-0.19	-0.14	.
64	C	MC	0.78	0.37	-0.27	-0.11	0.37	-0.11	.
65A	U	CR	0.43	0.53	.	.	.	.	.
65B	U	CR	0.52	0.61	.	.	.	.	.
66	C	MC	0.79	0.30	-0.10	0.30	-0.16	-0.15	.
67	C	MC	0.83	0.45	0.45	-0.21	-0.22	-0.18	.
68	C	MC	0.56	0.43	0.43	-0.09	-0.26	-0.24	.
69A	U	CR	0.59	0.58	.	.	.	.	.
69B	U	CR	0.64	0.62	.	.	.	.	.
70	U	MC	0.71	0.41	-0.09	-0.25	-0.26	0.41	.
71	U	MC	0.89	0.33	0.33	-0.14	-0.15	-0.15	.
72	U	MC	0.62	0.49	-0.21	-0.19	-0.27	0.49	.
73	U	MC	0.62	0.52	-0.13	-0.14	0.52	-0.37	.
74	U	MC	0.58	0.49	-0.24	-0.24	0.49	-0.17	.
75	U	MC	0.69	0.44	-0.23	-0.22	-0.20	0.44	.
76A	U	CR	0.47	0.46	.	.	.	.	.
76B	U	CR	0.50	0.59	.	.	.	.	.
77	U	MC	0.72	0.49	-0.21	-0.24	0.49	-0.22	.
78	U	MC	0.22	0.15	-0.12	-0.08	0.15	0.11	.
79	U	MC	0.40	0.25	0.06	0.25	-0.21	-0.10	.
80	U	MC	0.54	0.38	-0.17	-0.13	-0.16	0.38	.
81A	U	CR	0.34	0.49	.	.	.	.	.
81B	U	CR	0.35	0.65	.	.	.	.	.

Table A9
Summary Item Statistics – Mathematics Grade 7, Form 1 (Form A, C, E Operational Test Items)
N=40,930

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
3	C	MC	0.52	0.44	-0.15	0.44	-0.22	-0.13	-0.10
9	C	MC	0.70	0.39	-0.14	-0.14	0.39	-0.20	.
13	C	MC	0.62	0.57	-0.24	0.57	-0.29	-0.23	.
15	C	MC	0.89	0.35	0.35	-0.18	-0.17	-0.14	.
24	C	MC	0.60	0.58	0.58	-0.23	-0.34	-0.19	.
32	C	MC	0.52	0.44	-0.02	-0.17	0.44	-0.33	.
33	C	MC	0.28	0.41	-0.11	-0.04	-0.20	0.41	.
34	C	MC	0.49	0.49	-0.29	0.49	-0.18	-0.13	.
35	C	MC	0.21	0.43	0.43	-0.06	-0.14	-0.23	.
36	C	MC	0.47	0.47	-0.20	0.47	-0.26	-0.18	.
37A	U	CR	0.44	0.46	.	.	.	.	.
37B	U	CR	0.15	0.50	.	.	.	.	.
38	C	MC	0.55	0.55	-0.16	-0.24	0.55	-0.30	.
39	C	MC	0.65	0.55	0.55	-0.15	-0.35	-0.22	.
40	C	MC	0.60	0.45	-0.15	0.45	-0.27	-0.15	.
41	U	MC	0.62	0.34	-0.21	-0.12	0.34	-0.15	.
42	U	MC	0.41	0.16	0.16	0.02	-0.11	-0.05	.
43	C	MC	0.55	0.57	0.57	-0.24	-0.28	-0.21	.
44A	U	CR	0.46	0.64	.	.	.	.	.
44B	U	CR	0.57	0.68	.	.	.	.	.
45	C	MC	0.60	0.52	-0.19	-0.30	0.52	-0.19	.
46	C	MC	0.61	0.50	-0.16	-0.22	-0.26	0.50	.
47	C	MC	0.68	0.49	-0.22	-0.24	-0.23	0.49	.
48	C	MC	0.37	0.35	-0.08	-0.11	-0.16	0.35	.
49	C	MC	0.55	0.30	0.30	-0.06	-0.22	-0.13	.
50	C	MC	0.63	0.51	-0.14	-0.21	-0.30	0.51	.
51	C	MC	0.33	0.33	-0.12	-0.16	0.33	0.00	.
52	C	MC	0.33	0.48	-0.22	-0.16	-0.07	0.48	.
53A	U	CR	0.25	0.54	.	.	.	.	.
53B	U	CR	0.13	0.57	.	.	.	.	.
54	U	SPR	0.20	0.54	.	.	.	.	.
55	U	SPR	0.34	0.61	.	.	.	.	.
56	U	SPR	0.37	0.62	.	.	.	.	.
57	U	SPR	0.57	0.56	.	.	.	.	.
58	U	MC	0.52	0.51	0.51	-0.29	-0.16	-0.20	.
59	C	MC	0.41	0.37	-0.09	-0.26	0.37	-0.03	.
60	C	MC	0.75	0.39	-0.14	0.39	-0.18	-0.20	.

Table A9 (cont.)
Summary Item Statistics – Mathematics Grade 7, Form 1 (Form A, C, E Operational Test Items)
N=40,930

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
61	C	MC	0.68	0.59	-0.40	-0.25	-0.12	0.59	.
62	C	MC	0.60	0.60	-0.24	-0.15	-0.39	0.60	.
63A	U	CR	0.74	0.42	.	.	.	.	.
63B	U	CR	0.60	0.51	.	.	.	.	.
64	U	SPR	0.47	0.56	.	.	.	.	.
65	U	SPR	0.38	0.43	.	.	.	.	.
66	U	SPR	0.50	0.56	.	.	.	.	.
67	U	SPR	0.35	0.50	.	.	.	.	.
68A	U	CR	0.33	0.58	.	.	.	.	.
68B	U	CR	0.50	0.65	.	.	.	.	.
69	C	MC	0.64	0.52	0.52	-0.21	-0.24	-0.22	.
70	C	MC	0.40	0.41	-0.17	-0.21	-0.04	0.41	.
71	C	MC	0.48	0.62	0.62	-0.38	-0.18	-0.15	.
72	C	MC	0.59	0.52	-0.26	0.52	-0.17	-0.21	.
73	C	MC	0.56	0.40	-0.21	0.40	-0.17	-0.06	.
74	C	MC	0.40	0.48	-0.07	-0.31	-0.16	0.48	.
75	U	MC	0.40	0.47	0.47	0.01	-0.27	-0.20	.
76A	U	CR	0.49	0.54	.	.	.	.	.
76B	U	CR	0.47	0.62	.	.	.	.	.
77	U	SPR	0.21	0.48	.	.	.	.	.
78	U	SPR	0.24	0.55	.	.	.	.	.
79	C	SPR	0.28	0.64	.	.	.	.	.
80	U	SPR	0.51	0.52	.	.	.	.	.
81A	U	CR	0.15	0.51	.	.	.	.	.
81B	U	CR	0.30	0.72	.	.	.	.	.

Table A10
Summary Item Statistics – Mathematics Grade 7, Form 2 (Form B, D Operational Test Items)
N=27,200

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
3	C	MC	0.52	0.45	-0.16	0.45	-0.22	-0.12	-0.10
9	C	MC	0.69	0.40	-0.13	-0.14	0.40	-0.19	.
13	C	MC	0.62	0.58	-0.25	0.58	-0.29	-0.23	.
15	C	MC	0.89	0.36	0.36	-0.17	-0.17	-0.15	.
24	C	MC	0.59	0.60	0.60	-0.24	-0.35	-0.19	.
32	C	MC	0.53	0.43	-0.01	-0.15	0.43	-0.33	.
33	U	MC	0.73	0.49	0.49	-0.22	-0.20	-0.26	.
34	U	MC	0.51	0.48	0.48	-0.16	-0.25	-0.17	.
35	C	MC	0.29	0.39	-0.12	-0.03	-0.19	0.39	.
36	C	MC	0.51	0.48	-0.28	0.48	-0.18	-0.12	.
37	C	MC	0.21	0.40	0.40	-0.03	-0.14	-0.24	.
38	C	MC	0.56	0.55	-0.17	-0.22	0.55	-0.31	.
39	C	MC	0.48	0.48	-0.22	0.48	-0.26	-0.18	.
40	C	MC	0.55	0.57	0.57	-0.24	-0.28	-0.22	.
41A	U	CR	0.30	0.60	.	.	.	.	.
41B	U	CR	0.42	0.62	.	.	.	.	.
42	C	MC	0.67	0.58	0.58	-0.16	-0.36	-0.26	.
43	C	MC	0.61	0.53	-0.19	-0.31	0.53	-0.18	.
44	C	MC	0.63	0.47	-0.16	-0.22	-0.23	0.47	.
45	C	MC	0.62	0.45	-0.14	0.45	-0.27	-0.16	.
46	C	MC	0.57	0.29	0.29	-0.06	-0.21	-0.14	.
47	C	MC	0.68	0.48	-0.20	-0.24	-0.23	0.48	.
48	C	MC	0.39	0.34	-0.06	-0.11	-0.16	0.34	.
49A	U	CR	0.42	0.65	.	.	.	.	.
49B	U	CR	0.52	0.70	.	.	.	.	.
50	C	MC	0.65	0.54	-0.14	-0.23	-0.32	0.54	.
51	C	MC	0.33	0.33	-0.11	-0.16	0.33	0.00	.
52	C	MC	0.33	0.46	-0.21	-0.15	-0.07	0.46	.
53A	U	CR	0.59	0.53	.	.	.	.	.
53B	U	CR	0.38	0.65	.	.	.	.	.
54	U	SPR	0.63	0.59	.	.	.	.	.
55	U	SPR	0.59	0.57	.	.	.	.	.
56	U	SPR	0.48	0.65	.	.	.	.	.
57	U	SPR	0.65	0.52	.	.	.	.	.
58	C	MC	0.43	0.37	-0.08	-0.28	0.37	-0.02	.
59	C	MC	0.76	0.38	-0.13	0.38	-0.18	-0.19	.
60	C	MC	0.69	0.60	-0.41	-0.26	-0.12	0.60	.

Table A10 (cont.)
Summary Item Statistics – Mathematics Grade 7, Form 2 (Form B, D Operational Test Items)
N=27,200

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
61	C	MC	0.61	0.62	-0.24	-0.15	-0.41	0.62	.
62A	U	CR	0.61	0.45	.	.	.	.	.
62B	U	CR	0.57	0.67	.	.	.	.	.
63	U	SPR	0.29	0.46	.	.	.	.	.
64	U	SPR	0.45	0.50	.	.	.	.	.
65	U	SPR	0.64	0.54	.	.	.	.	.
66	U	SPR	0.58	0.57	.	.	.	.	.
67A	U	CR	0.46	0.69	.	.	.	.	.
67B	U	CR	0.14	0.51	.	.	.	.	.
68	C	MC	0.39	0.36	-0.10	-0.21	-0.06	0.36	.
69	U	MC	0.75	0.36	-0.15	-0.17	-0.12	0.36	.
70	C	MC	0.48	0.61	0.61	-0.37	-0.17	-0.15	.
71	C	MC	0.59	0.52	-0.27	0.52	-0.18	-0.20	.
72	C	MC	0.56	0.38	-0.20	0.38	-0.15	-0.06	.
73	C	MC	0.58	0.54	0.54	-0.20	-0.24	-0.22	.
74	C	MC	0.39	0.47	-0.06	-0.30	-0.15	0.47	.
75	U	MC	0.59	0.46	-0.18	-0.20	0.46	-0.18	.
76A	U	CR	0.33	0.64	.	.	.	.	.
76B	U	CR	0.50	0.70	.	.	.	.	.
77	U	SPR	0.54	0.59	.	.	.	.	.
78	U	SPR	0.62	0.56	.	.	.	.	.
79	U	SPR	0.65	0.43	.	.	.	.	.
80	C	SPR	0.29	0.65	.	.	.	.	.
81A	U	CR	0.48	0.64	.	.	.	.	.
81B	U	CR	0.51	0.75	.	.	.	.	.

Table A11
Summary Item Statistics – Mathematics Grade 8, Form 1 (Form A, C, E Operational Test Items)
N=34,478

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
2	C	MC	0.57	0.40	0.40	-0.23	-0.16	-0.10	-0.09
3	C	MC	0.32	0.43	-0.05	0.43	-0.17	-0.15	-0.11
6	C	MC	0.64	0.46	-0.11	-0.23	0.46	-0.24	.
7	C	MC	0.64	0.43	-0.19	-0.13	0.43	-0.24	.
13	C	MC	0.88	0.28	-0.11	-0.14	-0.13	0.28	.
16	C	MC	0.87	0.40	-0.22	-0.21	0.40	-0.13	.
20	C	MC	0.42	0.43	-0.23	-0.09	0.43	-0.19	.
21	C	MC	0.73	0.39	-0.22	-0.18	0.39	-0.11	.
26	C	MC	0.41	0.27	-0.11	0.27	-0.13	0.00	.
27	C	MC	0.59	0.51	-0.19	-0.27	0.51	-0.20	.
29	C	MC	0.55	0.32	0.32	-0.09	-0.16	-0.13	.
32	U	MC	0.36	0.43	-0.18	-0.25	0.43	-0.03	.
33	U	MC	0.51	0.43	0.43	-0.12	-0.23	-0.16	.
34	U	MC	0.56	0.42	-0.25	-0.19	0.42	-0.05	.
35	U	MC	0.72	0.41	-0.17	0.41	-0.20	-0.18	.
36	C	MC	0.73	0.46	-0.22	-0.18	0.46	-0.24	.
37A	C	CR	0.56	0.66	.	.	.	.	.
37B	C	CR	0.48	0.70	.	.	.	.	.
38	C	MC	0.51	0.39	-0.12	-0.19	0.39	-0.16	.
39	U	MC	0.69	0.41	0.41	-0.15	-0.23	-0.16	.
40	U	MC	0.59	0.45	0.45	-0.18	-0.08	-0.30	.
41	C	MC	0.32	0.45	0.07	-0.11	-0.34	0.45	.
42	C	MC	0.60	0.44	-0.16	-0.19	-0.21	0.44	.
43	C	MC	0.66	0.36	-0.21	-0.12	-0.12	0.36	.
44	C	MC	0.61	0.44	-0.28	0.44	-0.21	-0.07	.
45	C	MC	0.36	0.52	-0.08	-0.29	-0.19	0.52	.
46A	U	CR	0.47	0.39	.	.	.	.	.
46B	U	CR	0.44	0.58	.	.	.	.	.
47	U	SPR	0.52	0.43	.	.	.	.	.
48	U	SPR	0.18	0.38	.	.	.	.	.
49	U	SPR	0.26	0.62	.	.	.	.	.
50	U	SPR	0.78	0.50	.	.	.	.	.
51A	C	CR	0.31	0.65	.	.	.	.	.
51B	C	CR	0.27	0.71	.	.	.	.	.
52	C	MC	0.49	0.39	-0.19	-0.12	0.39	-0.16	.
53	U	MC	0.31	0.31	-0.24	-0.22	0.06	0.31	.
54	C	MC	0.47	0.34	-0.18	0.34	-0.10	-0.09	.

Table A11 (cont.)
Summary Item Statistics – Mathematics Grade 8, Form 1 (Form A, C, E Operational Test Items)
N=34,478

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
55	U	MC	0.54	0.44	-0.17	0.44	-0.14	-0.25	.
56	C	MC	0.38	0.23	0.06	-0.21	0.23	-0.10	.
57	U	MC	0.57	0.39	-0.11	0.39	-0.23	-0.15	.
58	U	MC	0.43	0.40	0.40	-0.16	-0.29	0.00	.
59	U	MC	0.45	0.34	-0.07	-0.17	0.34	-0.13	.
60A	U	CR	0.38	0.67	.	.	.	.	.
60B	U	CR	0.48	0.71	.	.	.	.	.
61	C	SPR	0.30	0.57	.	.	.	.	.
62	U	SPR	0.34	0.47	.	.	.	.	.
63	U	SPR	0.49	0.62	.	.	.	.	.
64	U	SPR	0.51	0.46	.	.	.	.	.
65A	U	CR	0.67	0.37	.	.	.	.	.
65B	U	CR	0.62	0.59	.	.	.	.	.
66	U	MC	0.26	0.43	0.01	-0.29	-0.08	0.43	.
67	U	MC	0.27	0.21	-0.09	0.21	-0.10	0.05	.
68	U	MC	0.63	0.39	-0.18	0.39	-0.20	-0.11	.
69	U	MC	0.50	0.35	0.35	-0.14	-0.14	-0.12	.
70A	C	CR	0.22	0.63	.	.	.	.	.
70B	C	CR	0.31	0.72	.	.	.	.	.
71	C	SPR	0.39	0.59	.	.	.	.	.
72	U	SPR	0.60	0.49	.	.	.	.	.
73	U	SPR	0.36	0.49	.	.	.	.	.
74	U	SPR	0.32	0.61	.	.	.	.	.
75A	C	CR	0.24	0.62	.	.	.	.	.
75B	C	CR	0.22	0.70	.	.	.	.	.
76A	U	CR	0.26	0.59	.	.	.	.	.
76B	U	CR	0.45	0.65	.	.	.	.	.

Table A12
Summary Item Statistics – Mathematics Grade 8, Form 2 (Form B, D, F Operational Test Items)
N=34,218

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
2	C	MC	0.57	0.41	0.41	-0.23	-0.17	-0.10	-0.09
3	C	MC	0.32	0.43	-0.05	0.43	-0.17	-0.14	-0.11
6	C	MC	0.65	0.45	-0.11	-0.23	0.45	-0.24	.
7	C	MC	0.64	0.42	-0.20	-0.13	0.42	-0.24	.
13	C	MC	0.88	0.27	-0.11	-0.13	-0.12	0.27	.
16	C	MC	0.88	0.39	-0.21	-0.20	0.39	-0.13	.
20	C	MC	0.42	0.42	-0.22	-0.07	0.42	-0.20	.
21	C	MC	0.74	0.38	-0.21	-0.19	0.38	-0.10	.
26	C	MC	0.42	0.27	-0.09	0.27	-0.15	0.00	.
27	C	MC	0.59	0.51	-0.19	-0.27	0.51	-0.20	.
29	C	MC	0.55	0.32	0.32	-0.09	-0.16	-0.14	.
32A	U	CR	0.31	0.55	.	.	.	.	.
32B	U	CR	0.26	0.58	.	.	.	.	.
33	U	MC	0.51	0.22	0.22	-0.04	-0.19	-0.12	.
34	U	MC	0.61	0.41	0.41	-0.21	-0.12	-0.19	.
35	U	MC	0.25	0.37	-0.13	-0.23	0.06	0.37	.
36	C	MC	0.61	0.44	-0.16	-0.17	-0.24	0.44	.
37	U	MC	0.61	0.53	-0.15	-0.40	0.53	-0.09	.
38	C	MC	0.70	0.35	-0.21	-0.11	-0.13	0.35	.
39A	C	CR	0.57	0.65	.	.	.	.	.
39B	C	CR	0.48	0.69	.	.	.	.	.
40	C	MC	0.50	0.39	-0.11	-0.19	0.39	-0.14	.
41	U	MC	0.51	0.39	-0.24	-0.16	0.39	-0.08	.
42	C	MC	0.61	0.41	-0.29	0.41	-0.19	-0.04	.
43	C	MC	0.32	0.43	0.09	-0.09	-0.36	0.43	.
44	C	MC	0.36	0.53	-0.09	-0.30	-0.17	0.53	.
45	C	MC	0.74	0.46	-0.23	-0.18	0.46	-0.23	.
46	U	MC	0.37	0.40	-0.17	-0.11	-0.13	0.40	.
47A	C	CR	0.30	0.64	.	.	.	.	.
47B	C	CR	0.27	0.71	.	.	.	.	.
48	U	SPR	0.35	0.49	.	.	.	.	.
49	U	SPR	0.19	0.56	.	.	.	.	.
50	U	SPR	0.21	0.51	.	.	.	.	.
51	U	SPR	0.33	0.64	.	.	.	.	.
52	C	MC	0.50	0.39	-0.20	-0.12	0.39	-0.15	.
53	C	MC	0.45	0.31	-0.16	0.31	-0.09	-0.08	.
54	U	MC	0.36	0.22	-0.13	0.00	0.22	-0.06	.

Table A12 (cont.)
Summary Item Statistics – Mathematics Grade 8, Form 2 (Form B, D, F Operational Test Items)
N=34,218

ITEM	C/U	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	P_BIS5
55	U	MC	0.48	0.35	-0.22	-0.09	0.35	-0.10	.
56	U	MC	0.49	0.43	0.43	-0.15	-0.26	-0.09	.
57	U	MC	0.41	0.50	-0.19	-0.18	-0.21	0.50	.
58A	U	CR	0.41	0.38	.	.	.	.	.
58B	U	CR	0.27	0.60	.	.	.	.	.
59	C	SPR	0.29	0.53	.	.	.	.	.
60	U	SPR	0.33	0.49	.	.	.	.	.
61	U	SPR	0.27	0.34	.	.	.	.	.
62	U	SPR	0.60	0.59	.	.	.	.	.
63A	U	CR	0.46	0.64	.	.	.	.	.
63B	U	CR	0.58	0.62	.	.	.	.	.
64	U	MC	0.43	0.38	-0.02	-0.14	0.38	-0.22	.
65	U	MC	0.55	0.41	0.41	-0.08	-0.21	-0.20	.
66	U	MC	0.46	0.37	-0.20	-0.17	0.37	-0.03	.
67	U	MC	0.83	0.33	-0.16	-0.16	0.33	-0.11	.
68	C	MC	0.26	0.23	0.01	-0.08	0.23	-0.10	.
69	U	MC	0.29	0.21	-0.12	0.21	-0.10	0.06	.
70A	C	CR	0.23	0.63	.	.	.	.	.
70B	C	CR	0.32	0.72	.	.	.	.	.
71	U	SPR	0.49	0.49	.	.	.	.	.
72	C	SPR	0.41	0.61	.	.	.	.	.
73	U	SPR	0.36	0.55	.	.	.	.	.
74	U	SPR	0.49	0.45	.	.	.	.	.
75A	C	CR	0.23	0.61	.	.	.	.	.
75B	C	CR	0.22	0.70	.	.	.	.	.
76A	U	CR	0.69	0.49	.	.	.	.	.
76B	U	CR	0.73	0.51	.	.	.	.	.

Table A13
Summary Item Statistics – Mathematics Grade 3 Field Test Items

FORM	N	ITEM	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4
A	12585	78A	CR	0.54	0.44	.	.	.	.
A	12585	78B	CR	0.47	0.50	.	.	.	.
A	12585	79	MC	0.34	0.41	-0.25	-0.03	0.41	-0.15
A	12585	80	MC	0.52	0.35	-0.12	-0.31	0.35	-0.08
A	12585	81	MC	0.61	0.51	0.51	-0.22	-0.28	-0.29
A	12585	82A	CR	0.46	0.51	.	.	.	.
A	12585	82B	CR	0.46	0.42	.	.	.	.
A	12585	83	MC	0.74	0.39	-0.27	-0.20	-0.14	0.39
A	12585	84	MC	0.88	0.30	-0.16	0.30	-0.19	-0.14
A	12585	85	MC	0.50	0.47	-0.18	0.47	-0.08	-0.32
A	12585	86A	CR	0.80	0.32	.	.	.	.
A	12585	86B	CR	0.46	0.48	.	.	.	.
B	12380	79	MC	0.32	0.36	-0.15	-0.25	-0.11	0.36
B	12380	80	MC	0.90	0.35	-0.18	-0.22	0.35	-0.19
B	12380	81	MC	0.55	0.33	-0.24	-0.17	0.33	-0.03
B	12380	82A	CR	0.65	0.51	.	.	.	.
B	12380	82B	CR	0.54	0.46	.	.	.	.
B	12380	83	MC	0.66	0.37	-0.32	-0.13	-0.07	0.37
B	12380	84	MC	0.91	0.26	-0.17	0.26	-0.10	-0.15
B	12380	85	MC	0.45	0.25	-0.13	-0.16	0.25	-0.03
B	12380	86A	CR	0.71	0.40	.	.	.	.
B	12380	86B	CR	0.19	0.36	.	.	.	.
C	12208	78A	CR	0.74	0.28	.	.	.	.
C	12208	78B	CR	0.33	0.36	.	.	.	.
C	12208	79	MC	0.95	0.34	0.34	-0.17	-0.20	-0.18
C	12208	80	MC	0.58	0.44	-0.29	-0.18	0.44	-0.13
C	12208	81	MC	0.64	-0.02	-0.05	0.21	-0.12	-0.02
C	12208	82	MC	0.63	0.51	-0.39	0.51	-0.21	-0.10
C	12208	83	MC	0.91	0.43	-0.27	0.43	-0.20	-0.23
C	12208	84	MC	0.45	0.26	-0.25	0.04	0.26	-0.12
C	12208	85	MC	0.86	0.35	-0.28	0.35	-0.10	-0.13
C	12208	86	MC	0.70	0.36	-0.21	-0.10	0.36	-0.23
C	12208	87	MC	0.65	0.33	-0.20	-0.16	0.33	-0.15
C	12208	88	MC	0.60	0.48	-0.24	0.48	-0.23	-0.20
C	12208	89	MC	0.79	0.39	-0.36	0.39	-0.04	-0.10
C	12208	90A	CR	0.31	0.44	.	.	.	.
C	12208	90B	CR	0.16	0.41	.	.	.	.

Table A13 (cont.)
Summary Item Statistics – Mathematics Grade 3 Field Test Items

FORM	N	ITEM	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4
C	12208	91	MC	0.33	0.17	-0.08	0.17	-0.16	-0.10
C	12208	92	MC	0.46	0.32	-0.12	0.32	-0.18	-0.21
C	12208	93	MC	0.61	0.34	0.34	-0.04	-0.24	-0.26
D	12078	78A	CR	0.65	0.39	.	.	.	.
D	12078	78B	CR	0.27	0.42	.	.	.	.
D	12078	79	MC	0.87	0.46	-0.19	-0.22	0.46	-0.31
D	12078	80	MC	0.47	0.24	0.24	-0.02	-0.08	-0.18
D	12078	81	MC	0.51	0.44	-0.24	-0.15	0.44	-0.19
D	12078	82	MC	0.60	0.39	-0.30	-0.17	-0.04	0.39
D	12078	83	MC	0.32	0.33	-0.12	-0.06	0.33	-0.21
D	12078	84	MC	0.57	0.39	-0.16	-0.25	0.39	-0.12
D	12078	85	MC	0.58	0.47	-0.09	-0.41	0.47	-0.10
D	12078	86	MC	0.79	0.42	-0.25	-0.20	-0.21	0.42
D	12078	87	MC	0.34	0.07	-0.14	0.13	0.07	-0.10
D	12078	88	MC	0.94	0.15	-0.12	-0.08	-0.09	0.15
D	12078	89	MC	0.77	0.38	-0.20	0.38	-0.16	-0.22
D	12078	90A	CR	0.98	0.20	.	.	.	.
D	12078	90B	CR	0.33	0.44	.	.	.	.
D	12078	91	MC	0.48	0.35	-0.06	-0.05	0.35	-0.32
D	12078	92	MC	0.91	0.22	-0.10	0.22	-0.14	-0.15
D	12078	93	MC	0.49	0.24	-0.13	-0.14	-0.06	0.24
E	11963	78A	CR	0.75	0.51	.	.	.	.
E	11963	78B	CR	0.44	0.51	.	.	.	.
E	11963	79	MC	0.85	0.41	-0.22	-0.22	0.41	-0.20
E	11963	80	MC	0.57	0.27	-0.12	-0.24	0.27	-0.06
E	11963	81	MC	0.96	0.26	-0.16	0.26	-0.11	-0.17
E	11963	82	MC	0.78	0.55	-0.23	-0.39	0.55	-0.23
E	11963	83	MC	0.34	0.32	-0.25	0.32	-0.25	-0.08
E	11963	84	MC	0.63	0.34	-0.26	-0.12	0.34	-0.20
E	11963	85	MC	0.65	0.28	0.28	-0.14	-0.16	-0.11
E	11963	86	MC	0.82	0.38	0.38	-0.14	-0.25	-0.21
E	11963	87	MC	0.52	0.26	-0.07	-0.19	-0.12	0.26
E	11963	88	MC	0.66	0.46	-0.25	-0.17	0.46	-0.29
E	11963	89	MC	0.61	0.42	-0.19	0.42	-0.16	-0.23
E	11963	90A	CR	0.53	0.52	.	.	.	.
E	11963	90B	CR	0.24	0.44	.	.	.	.
E	11963	91	MC	0.81	0.45	0.45	-0.18	-0.21	-0.30

Table A13 (cont.)
Summary Item Statistics – Mathematics Grade 3 Field Test Items

FORM	N	ITEM	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4
E	11963	92	MC	0.91	0.45	-0.31	-0.19	0.45	-0.21
E	11963	93	MC	0.85	0.43	-0.24	-0.22	-0.22	0.43

Table A14
Summary Item Statistics – Mathematics Grade 4 Field Test Items

FORM	N	ITEM	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4
A	12880	80A	CR	0.23	0.46	.	.	.	.
A	12880	80B	CR	0.30	0.55	.	.	.	.
A	12880	81	MC	0.82	0.36	-0.23	0.36	-0.22	-0.10
A	12880	82	MC	0.62	0.33	-0.10	-0.19	0.33	-0.20
A	12880	83	MC	0.77	0.47	0.47	-0.25	-0.25	-0.22
A	12880	84A	CR	0.63	0.49	.	.	.	.
A	12880	84B	CR	0.32	0.56	.	.	.	.
A	12880	85A	CR	0.62	0.50	.	.	.	.
A	12880	85B	CR	0.40	0.49	.	.	.	.
A	12880	86	MC	0.77	0.38	-0.29	0.38	-0.13	-0.16
A	12880	87	MC	0.56	0.50	-0.28	-0.20	-0.21	0.50
A	12880	88	MC	0.30	0.29	0.03	0.29	-0.01	-0.30
B	12716	81	MC	0.69	0.42	-0.17	-0.22	0.42	-0.23
B	12716	82	MC	0.68	0.26	0.26	-0.16	-0.17	-0.12
B	12716	83	MC	0.46	0.41	-0.26	-0.15	-0.09	0.41
B	12716	84A	CR	0.84	0.40	.	.	.	.
B	12716	84B	CR	0.40	0.48	.	.	.	.
B	12716	85A	CR	0.08	0.26	.	.	.	.
B	12716	85B	CR	0.32	0.45	.	.	.	.
B	12716	86	MC	0.71	0.35	-0.25	-0.16	-0.12	0.35
B	12716	87	MC	0.51	0.35	-0.21	0.35	-0.10	-0.16
B	12716	88	MC	0.85	0.30	-0.16	-0.15	0.30	-0.17
C	12555	80A	CR	0.28	0.34	.	.	.	.
C	12555	80B	CR	0.41	0.46	.	.	.	.
C	12555	81	MC	0.83	0.37	-0.29	-0.14	0.37	-0.13
C	12555	82	MC	0.48	0.16	0.04	0.16	-0.22	-0.19
C	12555	83	MC	0.49	0.39	-0.32	-0.08	-0.18	0.39
C	12555	84	MC	0.49	0.43	-0.09	0.43	-0.19	-0.28
C	12555	85	MC	0.34	0.23	0.23	-0.16	-0.05	-0.03
C	12555	86	MC	0.31	0.20	-0.22	0.04	0.20	0.00
C	12555	87	MC	0.63	0.29	-0.10	0.29	-0.20	-0.12
C	12555	88	MC	0.57	0.36	-0.15	-0.22	-0.23	0.36
C	12555	89	MC	0.84	0.30	-0.18	-0.15	-0.14	0.30
C	12555	90	MC	0.57	0.36	-0.17	0.36	-0.13	-0.19
C	12555	91	MC	0.59	0.45	-0.22	-0.26	-0.22	0.45
C	12555	92A	CR	0.56	0.46	.	.	.	.
C	12555	92B	CR	0.41	0.50	.	.	.	.

Table A14 (cont.)
Summary Item Statistics – Mathematics Grade 4 Field Test Items

FORM	N	ITEM	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4
C	12555	93	MC	0.51	0.39	-0.05	0.39	-0.08	-0.37
C	12555	94	MC	0.68	0.31	-0.08	-0.18	-0.18	0.31
C	12555	95	MC	0.75	0.44	-0.20	0.44	-0.22	-0.26
D	12453	80A	CR	0.14	0.36	.	.	.	.
D	12453	80B	CR	0.34	0.47	.	.	.	.
D	12453	81	MC	0.65	0.38	-0.27	-0.20	0.38	-0.11
D	12453	82	MC	0.61	0.40	-0.21	-0.18	-0.20	0.40
D	12453	83	MC	0.64	0.35	-0.13	0.35	-0.23	-0.19
D	12453	84	MC	0.69	0.40	0.40	-0.24	-0.15	-0.21
D	12453	85	MC	0.67	0.33	-0.18	-0.08	0.33	-0.22
D	12453	86	MC	0.91	0.26	-0.13	-0.15	-0.13	0.26
D	12453	87	MC	0.63	0.38	-0.14	-0.26	0.38	-0.13
D	12453	88	MC	0.65	0.35	-0.11	-0.25	0.35	-0.14
D	12453	89	MC	0.50	0.28	0.28	-0.18	-0.12	-0.09
D	12453	90	MC	0.47	0.20	0.11	0.20	-0.22	-0.28
D	12453	91	MC	0.67	0.40	-0.20	0.40	-0.19	-0.24
D	12453	92A	CR	0.40	0.54	.	.	.	.
D	12453	92B	CR	0.36	0.55	.	.	.	.
D	12453	93	MC	0.46	0.35	-0.14	0.35	-0.09	-0.20
D	12453	94	MC	0.55	0.39	-0.15	-0.25	-0.16	0.39
D	12453	95	MC	0.55	0.36	-0.27	-0.18	-0.08	0.36
E	12324	80A	CR	0.47	0.49	.	.	.	.
E	12324	80B	CR	0.42	0.54	.	.	.	.
E	12324	81	MC	0.54	0.42	-0.34	-0.06	-0.18	0.42
E	12324	82	MC	0.56	0.42	-0.25	0.42	-0.25	-0.07
E	12324	83	MC	0.37	0.35	-0.36	-0.01	0.35	-0.12
E	12324	84	MC	0.44	0.33	-0.03	0.33	-0.26	-0.14
E	12324	85	MC	0.46	0.43	-0.20	-0.11	0.43	-0.26
E	12324	86	MC	0.34	0.23	0.23	-0.13	-0.08	-0.04
E	12324	87	MC	0.64	0.31	-0.17	-0.13	0.31	-0.18
E	12324	88	MC	0.45	0.40	-0.17	-0.23	-0.10	0.40
E	12324	89	MC	0.48	0.48	-0.22	-0.18	-0.28	0.48
E	12324	90	MC	0.57	0.34	-0.17	-0.16	0.34	-0.16
E	12324	91	MC	0.68	0.45	-0.24	-0.27	-0.19	0.45
E	12324	93	MC	0.61	0.40	-0.07	-0.38	0.40	-0.08
E	12324	94	MC	0.25	0.14	0.14	-0.15	0.14	-0.21
E	12324	95	MC	0.57	0.02	0.09	0.02	-0.18	0.02

Table A15
Summary Item Statistics – Mathematics Grade 5 Field Test Items

FORM	N	ITEM	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4
A	13252	77	MC	0.51	0.52	-0.46	0.52	-0.05	-0.14
A	13252	78	MC	0.85	0.35	-0.18	-0.21	0.35	-0.18
A	13252	79	MC	0.28	0.40	0.40	-0.21	-0.12	-0.08
A	13252	80	MC	0.21	0.15	0.15	-0.18	0.07	-0.02
A	13252	81A	CR	0.42	0.58	.	.	.	.
A	13252	81B	CR	0.31	0.62	.	.	.	.
A	13252	82	MC	0.45	0.28	-0.23	-0.07	0.28	-0.07
A	13252	83	MC	0.77	0.44	-0.20	-0.24	-0.24	0.44
A	13252	84	MC	0.55	0.49	-0.07	0.49	-0.10	-0.42
A	13252	85	MC	0.57	0.59	-0.08	0.59	-0.17	-0.50
A	13252	86	MC	0.64	0.30	-0.11	0.30	-0.19	-0.16
A	13252	87A	CR	0.34	0.41	.	.	.	.
A	13252	87B	CR	0.33	0.51	.	.	.	.
A	13252	88	MC	0.77	0.28	0.28	-0.15	-0.14	-0.14
A	13252	89	MC	0.49	0.34	-0.19	0.34	-0.12	-0.14
A	13252	90	MC	0.73	0.38	-0.23	-0.19	-0.18	0.38
B	13081	77	MC	0.60	0.58	-0.26	-0.32	-0.25	0.58
B	13081	78	MC	0.54	0.42	-0.21	-0.19	0.42	-0.19
B	13081	79	MC	0.62	0.36	0.36	-0.15	-0.24	-0.13
B	13081	80	MC	0.66	0.35	-0.20	-0.17	0.35	-0.15
B	13081	81A	CR	0.73	0.36	.	.	.	.
B	13081	81B	CR	0.41	0.47	.	.	.	.
B	13081	82	MC	0.58	0.16	0.16	-0.06	-0.02	-0.15
B	13081	83	MC	0.78	0.43	-0.33	-0.13	0.43	-0.17
B	13081	84	MC	0.51	0.39	-0.05	-0.17	0.39	-0.31
B	13081	85	MC	0.83	0.34	-0.16	-0.25	-0.13	0.34
B	13081	86	MC	0.50	0.22	-0.07	-0.05	0.22	-0.19
B	13081	87A	CR	0.24	0.37	.	.	.	.
B	13081	87B	CR	0.32	0.43	.	.	.	.
B	13081	88	MC	0.70	0.41	-0.14	0.41	-0.15	-0.31
B	13081	89	MC	0.48	0.44	0.44	-0.12	-0.16	-0.29
B	13081	90	MC	0.20	0.05	-0.09	0.05	0.12	-0.16
C	12979	78	MC	0.68	0.46	-0.30	0.46	-0.21	-0.16
C	12979	79	MC	0.91	0.29	-0.18	0.29	-0.15	-0.14
C	12979	80	MC	0.52	0.32	-0.10	0.32	-0.20	-0.15
C	12979	81A	CR	0.65	0.34	.	.	.	.
C	12979	81B	CR	0.50	0.37	.	.	.	.

Table A15 (cont.)
Summary Item Statistics – Mathematics Grade 5 Field Test Items

FORM	N	ITEM	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4
C	12979	82	MC	0.45	0.38	-0.20	-0.26	-0.18	0.38
C	12979	83	MC	0.79	0.37	0.37	-0.19	-0.19	-0.20
C	12979	84	MC	0.66	0.42	-0.15	-0.26	0.42	-0.22
C	12979	85A	CR	0.32	0.37	.	.	.	.
C	12979	85B	CR	0.23	0.42	.	.	.	.
C	12979	86	MC	0.63	0.43	0.43	-0.24	-0.20	-0.17
C	12979	87	MC	0.86	0.39	-0.20	0.39	-0.21	-0.21
C	12979	88	MC	0.74	0.38	-0.09	-0.23	0.38	-0.27
D	12790	77A	CR	0.29	0.41	.	.	.	.
D	12790	77B	CR	0.26	0.52	.	.	.	.
D	12790	78	MC	0.32	0.20	0.10	-0.28	0.20	-0.17
D	12790	79	MC	0.76	0.28	-0.15	0.28	-0.15	-0.14
D	12790	80	MC	0.45	0.35	-0.19	0.35	-0.23	-0.02
D	12790	81A	CR	0.30	0.47	.	.	.	.
D	12790	81B	CR	0.24	0.49	.	.	.	.
D	12790	82	MC	0.46	0.32	-0.36	0.05	-0.01	0.32
D	12790	83	MC	0.62	0.44	-0.15	-0.22	0.44	-0.24
D	12790	84	MC	0.35	0.23	0.01	0.23	-0.19	-0.09
D	12790	85A	CR	0.27	0.48	.	.	.	.
D	12790	85B	CR	0.46	0.55	.	.	.	.
D	12790	86	MC	0.35	0.36	0.01	0.36	-0.24	-0.16
D	12790	87	MC	0.36	0.39	-0.31	-0.11	0.39	0.02
D	12790	88	MC	0.54	0.41	-0.12	0.41	-0.23	-0.22
E	12659	78	MC	0.82	0.39	-0.18	-0.21	0.39	-0.23
E	12659	79	MC	0.56	0.39	-0.20	-0.16	-0.20	0.39
E	12659	80	MC	0.59	0.45	0.45	-0.20	-0.22	-0.21
E	12659	81A	CR	0.48	0.42	.	.	.	.
E	12659	81B	CR	0.28	0.43	.	.	.	.
E	12659	82	MC	0.67	0.30	-0.16	0.30	-0.17	-0.19
E	12659	83	MC	0.48	0.47	-0.29	-0.27	0.47	0.01
E	12659	84	MC	0.76	0.40	-0.28	-0.18	0.40	-0.17
E	12659	85A	CR	0.76	0.25	.	.	.	.
E	12659	85B	CR	0.53	0.35	.	.	.	.
E	12659	86	MC	0.53	0.48	-0.23	0.48	-0.21	-0.24
E	12659	87	MC	0.41	0.36	-0.24	-0.16	0.36	-0.14
E	12659	88	MC	0.76	0.41	-0.21	0.41	-0.23	-0.21

Table A16
Summary Item Statistics – Mathematics Grade 6 Field Test Items

FORM	N	ITEM	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4
A	13157	82	MC	0.62	0.34	-0.15	0.34	-0.21	-0.12
A	13157	83	MC	0.68	0.30	0.30	-0.10	-0.24	-0.14
A	13157	84	MC	0.66	0.44	-0.23	-0.20	0.44	-0.22
A	13157	85	MC	0.35	0.39	-0.17	-0.07	0.39	-0.19
A	13157	87	MC	0.42	0.06	0.08	0.06	-0.04	-0.17
A	13157	88	MC	0.46	0.52	0.52	-0.28	-0.24	-0.12
A	13157	89	MC	0.46	0.44	-0.23	-0.16	-0.20	0.44
A	13157	90	MC	0.28	0.14	-0.05	-0.01	0.14	-0.08
A	13157	92	MC	0.56	0.30	-0.13	0.30	-0.20	-0.14
A	13157	93	MC	0.27	-0.05	-0.05	-0.02	0.04	-0.02
A	13157	94	MC	0.45	0.21	-0.08	-0.14	0.21	-0.11
B	13029	82	MC	0.28	0.25	0.02	0.25	-0.07	-0.19
B	13029	83	MC	0.59	0.47	-0.18	-0.27	-0.20	0.47
B	13029	84A	CR	0.56	0.52	.	.	.	.
B	13029	84B	CR	0.31	0.63	.	.	.	.
B	13029	85	MC	0.80	0.38	-0.16	-0.23	0.38	-0.18
B	13029	86	MC	0.44	0.32	-0.29	0.32	-0.02	-0.06
B	13029	87	MC	0.46	0.23	-0.12	0.23	-0.09	-0.06
B	13029	88A	CR	0.38	0.30	.	.	.	.
B	13029	88B	CR	0.48	0.54	.	.	.	.
B	13029	89A	CR	0.72	0.49	.	.	.	.
B	13029	89B	CR	0.56	0.32	.	.	.	.
C	12903	82A	CR	0.09	0.40	.	.	.	.
C	12903	82B	CR	0.33	0.53	.	.	.	.
C	12903	83	MC	0.32	0.28	-0.06	-0.04	0.28	-0.17
C	12903	84A	CR	0.34	0.59	.	.	.	.
C	12903	84B	CR	0.37	0.65	.	.	.	.
C	12903	85	MC	0.44	0.29	-0.15	-0.20	0.29	0.03
C	12903	86	MC	0.44	0.47	-0.05	-0.39	0.47	-0.09
C	12903	87A	CR	0.45	0.61	.	.	.	.
C	12903	87B	CR	0.47	0.64	.	.	.	.
C	12903	88	MC	0.57	0.39	-0.21	0.39	-0.25	-0.05
C	12903	89	MC	0.73	0.39	-0.21	0.39	-0.21	-0.17
D	12899	82A	CR	0.59	0.48	.	.	.	.
D	12899	82B	CR	0.47	0.59	.	.	.	.
D	12899	83	MC	0.64	0.36	-0.03	0.36	-0.25	-0.19
D	12899	84A	CR	0.48	0.53	.	.	.	.

Table A16 (cont.)
Summary Item Statistics – Mathematics Grade 6 Field Test Items

FORM	N	ITEM	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4
D	12899	84B	CR	0.33	0.56	.	.	.	.
D	12899	85A	CR	0.40	0.54	.	.	.	.
D	12899	85B	CR	0.45	0.46	.	.	.	.
D	12899	86	MC	0.33	0.45	-0.04	0.45	-0.10	-0.31
D	12899	87A	CR	0.39	0.52	.	.	.	.
D	12899	87B	CR	0.35	0.54	.	.	.	.
E	12843	82A	CR	0.18	0.45	.	.	.	.
E	12843	82B	CR	0.39	0.49	.	.	.	.
E	12843	83	MC	0.36	0.49	-0.18	0.49	-0.11	-0.25
E	12843	84A	CR	0.45	0.51	.	.	.	.
E	12843	84B	CR	0.33	0.54	.	.	.	.
E	12843	85A	CR	0.46	0.51	.	.	.	.
E	12843	85B	CR	0.56	0.56	.	.	.	.
E	12843	86	MC	0.61	0.33	-0.18	0.33	-0.14	-0.14
E	12843	87A	CR	0.31	0.53	.	.	.	.
E	12843	87B	CR	0.24	0.58	.	.	.	.

Table A17
Summary Item Statistics – Mathematics Grade 7 Field Test Items

FORM	N	ITEM	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4
A	13390	82	MC	0.80	0.43	-0.21	-0.27	-0.15	0.43
A	13390	83	MC	0.70	0.38	-0.18	0.38	-0.21	-0.16
A	13390	84A	CR	0.46	0.50	.	.	.	.
A	13390	84B	CR	0.25	0.52	.	.	.	.
A	13390	85	MC	0.46	0.51	-0.20	-0.23	0.51	-0.20
A	13390	86	MC	0.54	0.18	-0.18	-0.11	0.18	0.04
A	13390	87	MC	0.51	0.35	-0.12	0.35	-0.18	-0.16
A	13390	88A	CR	0.20	0.54	.	.	.	.
A	13390	88B	CR	0.27	0.61	.	.	.	.
A	13390	89	SPR	0.23	0.51	.	.	.	.
A	13390	90	SPR	0.66	0.54	.	.	.	.
A	13390	91	SPR	0.33	0.44	.	.	.	.
A	13390	92	SPR	0.45	0.46	.	.	.	.
A	13390	93	SPR	0.39	0.58	.	.	.	.
A	13390	94	SPR	0.38	0.60	.	.	.	.
A	13390	95A	CR	0.39	0.53	.	.	.	.
A	13390	95B	CR	0.49	0.58	.	.	.	.
A	13390	96	MC	0.56	0.58	-0.23	-0.29	-0.25	0.58
A	13390	97	MC	0.53	0.39	0.39	-0.11	-0.15	-0.22
A	13390	98	MC	0.60	0.48	-0.17	-0.31	-0.16	0.48
A	13390	99	MC	0.27	0.22	-0.15	0.22	-0.01	-0.01
B	13274	82	MC	0.42	0.11	0.11	0.05	-0.13	-0.02
B	13274	83	MC	0.86	0.21	-0.13	0.21	-0.09	-0.11
B	13274	84A	CR	0.13	0.27	.	.	.	.
B	13274	84B	CR	0.21	0.49	.	.	.	.
B	13274	85	MC	0.34	0.33	-0.15	0.33	-0.14	-0.10
B	13274	86	MC	0.68	0.40	0.40	-0.34	-0.22	-0.03
B	13274	87	MC	0.39	0.54	-0.23	-0.22	-0.22	0.54
B	13274	88A	CR	0.21	0.50	.	.	.	.
B	13274	88B	CR	0.27	0.57	.	.	.	.
B	13274	89	MC	0.62	0.49	-0.28	-0.18	-0.23	0.49
B	13274	90	MC	0.56	0.09	0.09	0.05	-0.11	-0.11
B	13274	91	MC	0.68	0.36	-0.19	-0.17	0.36	-0.21
B	13274	92	MC	0.76	0.42	0.42	-0.16	-0.27	-0.20
B	13274	93A	CR	0.19	0.31	.	.	.	.
B	13274	93B	CR	0.12	0.28	.	.	.	.
B	13274	94	SPR	0.21	0.49	.	.	.	.

Table A17 (cont.)
Summary Item Statistics – Mathematics Grade 7 Field Test Items

FORM	N	ITEM	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4
B	13274	95	SPR	0.40	0.58	.	.	.	.
B	13274	96	SPR	0.33	0.54	.	.	.	.
B	13274	97	SPR	0.35	0.61	.	.	.	.
B	13274	98	SPR	0.42	0.55	.	.	.	.
B	13274	99	SPR	0.22	0.52	.	.	.	.
C	13281	82A	CR	0.21	0.34	.	.	.	.
C	13281	82B	CR	0.17	0.41	.	.	.	.
C	13281	83	MC	0.45	0.31	-0.13	-0.14	0.31	-0.10
C	13281	84A	CR	0.67	0.54	.	.	.	.
C	13281	84B	CR	0.58	0.63	.	.	.	.
C	13281	85	MC	0.59	0.36	-0.17	-0.14	-0.21	0.36
C	13281	86	MC	0.38	0.40	-0.10	-0.24	-0.14	0.40
C	13281	87A	CR	0.48	0.63	.	.	.	.
C	13281	87B	CR	0.31	0.63	.	.	.	.
C	13281	88	SPR	0.44	0.39	.	.	.	.
C	13281	89	SPR	0.50	0.56	.	.	.	.
C	13281	90A	CR	0.39	0.54	.	.	.	.
C	13281	90B	CR	0.17	0.52	.	.	.	.
D	13168	82A	CR	0.25	0.33	.	.	.	.
D	13168	82B	CR	0.16	0.41	.	.	.	.
D	13168	83A	CR	0.56	0.58	.	.	.	.
D	13168	83B	CR	0.23	0.60	.	.	.	.
D	13168	85	SPR	0.47	0.58	.	.	.	.
D	13168	86	MC	0.48	0.47	-0.14	-0.20	-0.24	0.47
D	13168	87	MC	0.51	0.47	-0.12	-0.36	0.47	-0.10
D	13168	88	MC	0.52	0.52	-0.31	0.52	-0.24	-0.13
D	13168	89	MC	0.50	0.26	-0.02	0.26	-0.18	-0.14
E	13123	82A	CR	0.66	0.55	.	.	.	.
E	13123	82B	CR	0.23	0.56	.	.	.	.
E	13123	83	MC	0.55	0.13	0.13	-0.14	-0.16	0.07
E	13123	84	MC	0.42	0.31	-0.21	0.31	-0.07	-0.05
E	13123	85	SPR	0.21	0.49	.	.	.	.
E	13123	86	SPR	0.44	0.42	.	.	.	.
E	13123	87A	CR	0.51	0.49	.	.	.	.
E	13123	87B	CR	0.53	0.61	.	.	.	.
E	13123	88	SPR	0.45	0.58	.	.	.	.
E	13123	89	SPR	0.59	0.50	.	.	.	.

Table A17 (cont.)
Summary Item Statistics – Mathematics Grade 7 Field Test Items

FORM	N	ITEM	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4
E	13123	90	SPR	0.40	0.58	.	.	.	.
E	13123	91	SPR	0.41	0.46	.	.	.	.
E	13123	92	SPR	0.44	0.64	.	.	.	.

Table A18
Summary Item Statistics – Mathematics Grade 8 Field Test Items

FORM	N	ITEM	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4
A	11304	77A	CR	0.25	0.63	.	.	.	.
A	11304	77B	CR	0.29	0.66	.	.	.	.
A	11304	78	SPR	0.23	0.57	.	.	.	.
A	11304	79	SPR	0.40	0.65	.	.	.	.
A	11304	80	MC	0.55	0.26	-0.10	0.26	-0.19	-0.03
A	11304	81	MC	0.74	0.31	-0.06	-0.22	0.31	-0.22
A	11304	82	MC	0.45	0.50	-0.23	0.50	-0.20	-0.19
A	11304	83A	CR	0.08	0.38	.	.	.	.
A	11304	83B	CR	0.15	0.43	.	.	.	.
A	11304	84A	CR	0.38	0.50	.	.	.	.
A	11304	84B	CR	0.36	0.57	.	.	.	.
A	11304	85	MC	0.47	0.20	-0.16	-0.18	0.20	0.12
A	11304	86	MC	0.46	0.47	-0.23	0.47	-0.23	-0.11
A	11304	87	MC	0.48	0.37	0.37	-0.16	-0.17	-0.11
A	11304	88	MC	0.36	0.44	-0.15	-0.14	-0.20	0.44
A	11304	89	MC	0.74	0.45	-0.31	-0.23	0.45	-0.10
A	11304	90	MC	0.28	0.22	-0.23	0.22	0.18	-0.21
A	11304	91	MC	0.41	0.46	-0.17	-0.19	0.46	-0.17
A	11304	92	SPR	0.46	0.61	.	.	.	.
A	11304	93	SPR	0.44	0.46	.	.	.	.
A	11304	94	SPR	0.28	0.42	.	.	.	.
B	11182	77A	CR	0.09	0.37	.	.	.	.
B	11182	77B	CR	0.12	0.53	.	.	.	.
B	11182	78	MC	0.62	0.42	-0.17	-0.24	-0.20	0.42
B	11182	79	MC	0.51	0.43	0.43	-0.24	-0.19	-0.17
B	11182	80	MC	0.34	0.33	-0.17	0.33	-0.16	-0.04
B	11182	81	MC	0.83	0.34	-0.27	-0.08	0.34	-0.11
B	11182	82	MC	0.62	0.36	-0.23	-0.17	0.36	-0.12
B	11182	83	SPR	0.61	0.45	.	.	.	.
B	11182	84	SPR	0.70	0.44	.	.	.	.
B	11182	85	SPR	0.37	0.46	.	.	.	.
B	11182	86A	CR	0.19	0.56	.	.	.	.
B	11182	86B	CR	0.24	0.66	.	.	.	.
B	11182	87	SPR	0.24	0.52	.	.	.	.
B	11182	88	SPR	0.29	0.57	.	.	.	.
B	11182	89	SPR	0.33	0.39	.	.	.	.
B	11182	90	SPR	0.15	0.47	.	.	.	.

Table A18 (cont.)
Summary Item Statistics – Mathematics Grade 8 Field Test Items

FORM	N	ITEM	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4
C	11165	77	SPR	0.53	0.44	.	.	.	.
C	11165	78	SPR	0.18	0.55	.	.	.	.
C	11165	79	SPR	0.51	0.60	.	.	.	.
C	11165	80	SPR	0.38	0.62	.	.	.	.
C	11165	81	SPR	0.18	0.53	.	.	.	.
C	11165	82A	CR	0.28	0.50	.	.	.	.
C	11165	82B	CR	0.27	0.61	.	.	.	.
C	11165	83A	CR	0.57	0.61	.	.	.	.
C	11165	83B	CR	0.58	0.60	.	.	.	.
C	11165	84	MC	0.28	0.40	-0.09	-0.07	0.40	-0.22
C	11165	85	MC	0.72	0.28	-0.14	-0.13	-0.13	0.28
C	11165	86A	CR	0.28	0.44	.	.	.	.
C	11165	86B	CR	0.52	0.54	.	.	.	.
C	11165	87	MC	0.14	0.32	0.32	-0.04	-0.07	-0.11
C	11165	88	MC	0.14	0.29	-0.10	-0.11	0.00	0.29
C	11165	89	MC	0.65	0.39	0.39	-0.16	-0.22	-0.17
D	11106	78A	CR	0.30	0.60	.	.	.	.
D	11106	78B	CR	0.43	0.70	.	.	.	.
D	11106	79	MC	0.65	0.33	-0.14	-0.16	0.33	-0.16
D	11106	80	MC	0.43	0.35	0.35	-0.03	-0.26	-0.15
D	11106	81	MC	0.43	0.38	-0.03	-0.24	-0.16	0.38
D	11106	82	MC	0.64	0.29	-0.17	0.29	-0.18	-0.04
D	11106	83A	CR	0.53	0.54	.	.	.	.
D	11106	83B	CR	0.34	0.58	.	.	.	.
D	11106	84	MC	0.64	0.47	-0.30	0.47	-0.18	-0.16
D	11106	85	MC	0.26	0.16	0.19	0.16	-0.23	-0.11
D	11106	86	MC	0.29	0.29	-0.06	-0.20	-0.16	0.29
D	11106	87	MC	0.38	0.29	0.01	0.29	-0.18	-0.14
E	11040	77A	CR	0.20	0.27	.	.	.	.
E	11040	77B	CR	0.27	0.40	.	.	.	.
E	11040	78	SPR	0.50	0.51	.	.	.	.
E	11040	79	SPR	0.16	0.34	.	.	.	.
E	11040	80	SPR	0.20	0.61	.	.	.	.
E	11040	81	MC	0.60	0.33	-0.04	-0.19	0.33	-0.18
E	11040	82A	CR	0.16	0.39	.	.	.	.
E	11040	82B	CR	0.30	0.52	.	.	.	.
E	11040	83	MC	0.39	0.45	-0.19	-0.14	-0.19	0.45

Table A18 (cont.)
Summary Item Statistics – Mathematics Grade 8 Field Test Items

FORM	N	ITEM	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4
E	11040	84A	CR	0.30	0.60	.	.	.	.
E	11040	84B	CR	0.40	0.61	.	.	.	.
E	11040	85	SPR	0.16	0.44	.	.	.	.
E	11040	86	SPR	0.43	0.56	.	.	.	.
E	11040	87	MC	0.67	0.21	-0.21	-0.13	0.21	0.08
E	11040	88	MC	0.46	0.37	0.37	-0.17	-0.20	-0.07
E	11040	89	MC	0.84	0.30	-0.13	-0.17	-0.13	0.30
E	11040	90A	CR	0.33	0.53	.	.	.	.
E	11040	90B	CR	0.23	0.60	.	.	.	.
F	10969	77	MC	0.47	0.43	-0.13	-0.15	-0.25	0.43
F	10969	78	MC	0.19	0.08	0.18	0.08	-0.18	-0.12
F	10969	79	MC	0.45	0.45	-0.20	-0.29	0.45	-0.04
F	10969	80	MC	0.68	0.43	-0.16	-0.17	0.43	-0.27
F	10969	81	MC	0.49	0.29	-0.17	0.29	0.04	-0.24
F	10969	82A	CR	0.23	0.57	.	.	.	.
F	10969	82B	CR	0.27	0.68	.	.	.	.
F	10969	83A	CR	0.21	0.41	.	.	.	.
F	10969	83B	CR	0.23	0.59	.	.	.	.
F	10969	84	MC	0.59	0.44	-0.24	0.44	-0.13	-0.23
F	10969	85	MC	0.52	0.41	-0.18	0.41	-0.16	-0.19
F	10969	86	MC	0.49	0.43	-0.20	-0.20	0.43	-0.17
F	10969	87	MC	0.34	0.42	-0.17	0.42	-0.21	-0.11
F	10969	88	SPR	0.41	0.50	.	.	.	.

Table A19
Summary Item Statistics – Reading Grade 10, Form A
N=6934

ITEM	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4
1	MC	0.71	0.31	-0.09	-0.23	0.31	-0.18
2	MC	0.57	0.35	0.35	-0.21	-0.17	-0.09
3	MC	0.80	0.33	0.33	-0.17	-0.16	-0.23
4	MC	0.87	0.40	-0.20	-0.20	-0.23	0.40
5	MC	0.40	0.35	0.35	-0.26	-0.08	-0.06
6	MC	0.76	0.36	-0.16	-0.17	-0.22	0.36
13	MC	0.78	0.46	-0.26	0.46	-0.22	-0.22
14	MC	0.64	0.47	-0.21	-0.18	-0.27	0.47
15	MC	0.50	0.32	0.32	-0.16	-0.11	-0.11
16	MC	0.44	0.18	0.06	-0.20	0.18	-0.07
17	MC	0.54	0.56	-0.19	-0.31	-0.23	0.56
22	MC	0.55	0.24	-0.27	0.05	0.24	-0.20
23	MC	0.72	0.54	-0.29	-0.20	-0.29	0.54
24	MC	0.57	0.39	-0.26	-0.05	-0.23	0.39
25	MC	0.55	0.46	-0.21	-0.17	-0.20	0.46
26	MC	0.73	0.55	-0.26	-0.29	0.55	-0.23
27	MC	0.52	0.40	-0.24	0.40	-0.07	-0.22
32	MC	0.49	0.21	-0.14	0.21	-0.04	-0.09
33	MC	0.54	0.35	0.35	-0.10	-0.20	-0.15
34	MC	0.51	0.32	-0.22	-0.07	0.32	-0.17
35	MC	0.73	0.55	-0.26	-0.28	-0.25	0.55
36	MC	0.68	0.39	-0.14	-0.22	0.39	-0.19
37	MC	0.59	0.37	-0.19	-0.15	-0.15	0.37
38	MC	0.64	0.39	0.39	-0.19	-0.16	-0.21
43	MC	0.79	0.54	-0.27	0.54	-0.30	-0.25
44	MC	0.74	0.42	0.42	-0.26	-0.24	-0.13
45	MC	0.80	0.53	0.53	-0.28	-0.27	-0.24
46	MC	0.38	0.29	-0.18	-0.17	0.01	0.29
47	MC	0.71	0.47	0.47	-0.31	-0.19	-0.22
48	MC	0.59	0.50	-0.21	-0.20	-0.25	0.50
51	MC	0.70	0.48	0.48	-0.28	-0.21	-0.22
52	MC	0.58	0.38	-0.21	-0.21	0.38	-0.10
53	MC	0.40	0.25	-0.04	0.25	-0.10	-0.12
54	MC	0.58	0.32	0.32	-0.12	-0.25	-0.06
61	MC	0.47	0.34	-0.04	-0.29	0.34	-0.09
62	MC	0.71	0.43	-0.20	-0.18	0.43	-0.19
63	CR	0.50	0.66

Table A19 (cont.)
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ITEM	ITEM TYPE	P_VAL	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4
64	MC	0.59	0.29	-0.07	-0.29	0.29	-0.02
65	MC	0.57	0.54	-0.29	-0.26	-0.20	0.54
66	MC	0.70	0.52	-0.27	0.52	-0.29	-0.15
67	MC	0.55	0.31	-0.13	-0.06	0.31	-0.23
68	MC	0.45	0.28	0.28	-0.02	-0.17	-0.11
69	CR	0.37	0.63	.	.	.	.
70	MC	0.64	0.42	-0.11	-0.21	-0.26	0.42
71	MC	0.64	0.40	0.40	-0.13	-0.25	-0.15
72	MC	0.74	0.48	-0.22	-0.27	-0.20	0.48
73	MC	0.80	0.57	-0.26	-0.29	-0.29	0.57
74	MC	0.61	0.46	-0.15	0.46	-0.23	-0.22
75	CR	0.50	0.66	.	.	.	.
76	MC	0.60	0.36	-0.13	0.36	-0.27	-0.10
77	MC	0.54	0.41	-0.24	-0.14	0.41	-0.21
78	MC	0.65	0.46	-0.25	-0.15	-0.20	0.46
79	CR	0.52	0.65	.	.	.	.