

**APPENDIX I**  
**ITEM-LEVEL CLASSICAL STATISTICS**

**Table I-1. Item-Level Classical Test Theory Statistics—ELA Grade 3**

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
EL292647	MC	63,945	0.70	0.58	0
EL292648	MC	63,945	0.74	0.55	0
EL292654	MC	63,945	0.54	0.44	0
EL292657	MC	63,945	0.61	0.37	0
EL835280082	MC	63,945	0.52	0.42	0
EL835281423	MC	63,945	0.53	0.33	0
EL835281675	MC	63,945	0.71	0.51	0
EL835338102	MC	63,945	0.73	0.52	0
EL835338434	MC	63,945	0.79	0.52	0
EL835338750	MC	63,945	0.61	0.34	0
EL835338894	MC	63,945	0.68	0.54	0
EL835339761	MC	63,945	0.83	0.54	0
EL835340904	MC	63,945	0.61	0.51	0
EL835341639	MC	63,945	0.49	0.40	0
EL905643350	MC	63,945	0.59	0.35	0
EL912460887	MC	63,945	0.67	0.53	0
EL912462780	MC	63,945	0.66	0.50	0
EL912463130	MC	63,945	0.76	0.53	0
EL912463283	MC	63,945	0.70	0.52	0
EL912463417	MC	63,945	0.68	0.56	0
EL912651426	MC	63,945	0.62	0.53	0
EL916150555	MC	63,945	0.46	0.39	0
EL916532720	MC	63,945	0.82	0.55	0
EL916535053	MC	63,945	0.79	0.40	0
EL292656	OR	63,945	0.77	0.70	0
EL835251909	OR	63,945	0.35	0.60	1
EL835276438	OR	63,945	0.40	0.46	1
EL912365258	OR	63,945	0.66	0.57	0
EL912440150	OR	63,945	0.67	0.51	0
EL916535595	OR	63,945	0.60	0.46	1
EL912362165	WP	63,945	0.24	0.63	2

**Table I-2. Item-Level Classical Test Theory Statistics—ELA Grade 4**

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
EL307617	MC	64,472	0.76	0.53	0
EL307622	MC	64,472	0.58	0.47	0
EL307624	MC	64,472	0.69	0.48	0
EL800937934	MC	64,472	0.55	0.55	0
EL800938150	MC	64,472	0.48	0.38	0
EL800939230	MC	64,472	0.65	0.42	0
EL800940688	MC	64,472	0.78	0.54	0
EL800940863	MC	64,472	0.78	0.56	0
EL800941423	MC	64,472	0.73	0.44	0
EL800941788	MC	64,472	0.69	0.44	0
EL800943061	MC	64,472	0.80	0.55	0
EL804278958	MC	64,472	0.60	0.49	0
EL909145470	MC	64,472	0.91	0.43	0
EL909147325	MC	64,472	0.49	0.35	0
EL909150609	MC	64,472	0.73	0.42	0
EL909151025	MC	64,472	0.42	0.37	0
EL909155188	MC	64,472	0.71	0.23	0
EL909156962	MC	64,472	0.61	0.42	0
EL909157777	MC	64,472	0.52	0.35	0
EL911976285	MC	64,472	0.39	0.32	0

continued

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
EL914243985	MC	64,472	0.66	0.45	0
EL914273301	MC	64,472	0.68	0.54	0
EL914444197	MC	64,472	0.60	0.50	0
EL914444576	MC	64,472	0.43	0.31	0
EL800853520	OR	64,472	0.73	0.61	0
EL800937262	OR	64,472	0.67	0.32	0
EL800957624	OR	64,472	0.40	0.65	0
EL909153399	OR	64,472	0.57	0.51	0
EL913040076	OR	64,472	0.60	0.53	0
EL913342853	OR	64,472	0.50	0.50	3
EL909132428	WP	64,472	0.34	0.72	1

**Table I-3. Item-Level Classical Test Theory Statistics—ELA Grade 5**

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
EL302392	MC	65,715	0.90	0.48	0
EL302393	MC	65,715	0.90	0.54	0
EL302401	MC	65,715	0.79	0.48	0
EL302402	MC	65,715	0.72	0.43	0
EL806707883	MC	65,715	0.82	0.44	0
EL806708176	MC	65,715	0.41	0.30	0
EL806709102	MC	65,715	0.49	0.56	0
EL806709302	MC	65,715	0.61	0.33	0
EL806709547	MC	65,715	0.91	0.43	0
EL806709790	MC	65,715	0.82	0.53	0
EL806710293	MC	65,715	0.60	0.50	0
EL806712207	MC	65,715	0.88	0.49	0
EL827636609	MC	65,715	0.70	0.48	0
EL834972269	MC	65,715	0.66	0.54	0
EL834972500	MC	65,715	0.81	0.54	0
EL834976700	MC	65,715	0.77	0.50	0
EL834977047	MC	65,715	0.83	0.53	0
EL834977330	MC	65,715	0.67	0.46	0
EL834978026	MC	65,715	0.73	0.53	0
EL834978663	MC	65,715	0.73	0.51	0
EL834979059	MC	65,715	0.79	0.44	0
EL834979779	MC	65,715	0.76	0.54	0
EL912500446	MC	65,715	0.62	0.45	0
EL912579695	MC	65,715	0.77	0.56	0
EL806706594	OR	65,715	0.75	0.59	0
EL806756112	OR	65,715	0.51	0.56	1
EL834950831	OR	65,715	0.80	0.59	0
EL834952362	OR	65,715	0.54	0.55	0
EL912584876	OR	65,715	0.70	0.59	0
EL806746086	WP	65,715	0.33	0.73	1
EL834856783	WP	65,715	0.31	0.70	1

**Table I-4. Item-Level Classical Test Theory Statistics—ELA Grade 6**

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
EL308506	MC	65,876	0.40	0.44	0
EL308510	MC	65,876	0.56	0.51	0
EL308512	MC	65,876	0.73	0.50	0
EL308513	MC	65,876	0.60	0.44	0
EL308518	MC	65,876	0.82	0.54	0
EL835402993	MC	65,876	0.57	0.37	0
EL835415824	MC	65,876	0.71	0.51	0
EL835417652	MC	65,876	0.71	0.46	0
EL835419727	MC	65,876	0.68	0.54	0
EL835420555	MC	65,876	0.73	0.51	0
EL835421418	MC	65,876	0.80	0.50	0
EL835421936	MC	65,876	0.59	0.41	0
EL835422818	MC	65,876	0.70	0.45	0
EL903544223	MC	65,876	0.80	0.50	0
EL913137826	MC	65,876	0.61	0.48	0
EL913146798	MC	65,876	0.53	0.48	0
EL913147467	MC	65,876	0.71	0.51	0
EL913177923	MC	65,876	0.82	0.48	0
EL913179570	MC	65,876	0.68	0.44	0
EL916473284	MC	65,876	0.41	0.47	0
EL917825386	MC	65,876	0.63	0.55	0
EL917861668	MC	65,876	0.81	0.42	0
EL918180282	MC	65,876	0.64	0.41	0
EL920039686	MC	65,876	0.86	0.50	0
EL835401351	OR	65,876	0.67	0.54	0
EL835420875	OR	65,876	0.57	0.59	0
EL913133585	OR	65,876	0.52	0.59	0
EL913135249	OR	65,876	0.69	0.47	0
EL916444331	OR	65,876	0.53	0.59	0
EL911525969	WP	65,876	0.36	0.78	1
EL913132900	WP	65,876	0.36	0.75	1

**Table I-5. Item-Level Classical Test Theory Statistics—ELA Grade 7**

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
EL314056	MC	67,583	0.70	0.46	0
EL314058	MC	67,583	0.59	0.50	0
EL314063	MC	67,583	0.71	0.57	0
EL811653297	MC	67,583	0.80	0.50	0
EL811653729	MC	67,583	0.66	0.41	0
EL811659059	MC	67,583	0.64	0.52	0
EL811661018	MC	67,583	0.70	0.39	0
EL811720784	MC	67,583	0.52	0.46	0
EL811721117	MC	67,583	0.56	0.40	0
EL811723366	MC	67,583	0.70	0.42	0
EL811734832	MC	67,583	0.75	0.50	0
EL811735509	MC	67,583	0.51	0.46	0
EL909281464	MC	67,583	0.80	0.49	0
EL909375770	MC	67,583	0.54	0.51	0
EL909470766	MC	67,583	0.81	0.49	0
EL909471269	MC	67,583	0.61	0.40	0
EL909471961	MC	67,583	0.72	0.40	0
EL909747660	MC	67,583	0.77	0.52	0
EL909748887	MC	67,583	0.51	0.41	0
EL909752861	MC	67,583	0.81	0.51	0
EL909764274	MC	67,583	0.62	0.36	0

continued

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
EL911458693	MC	67,583	0.57	0.46	0
EL911550107	MC	67,583	0.59	0.38	0
EL912448606	MC	67,583	0.60	0.40	0
EL912450318	MC	67,583	0.50	0.44	0
EL916135715	MC	67,583	0.54	0.38	0
EL811660409	OR	67,583	0.59	0.57	0
EL811735935	OR	67,583	0.55	0.58	0
EL909749262	OR	67,583	0.66	0.54	0
EL912364723	OR	67,583	0.50	0.52	0
EL811753816	WP	67,583	0.38	0.80	1
EL909750218	WP	67,583	0.44	0.78	1

**Table I-6. Item-Level Classical Test Theory Statistics—ELA Grade 8**

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
EL309393	MC	69,884	0.52	0.39	0
EL309397	MC	69,884	0.71	0.44	0
EL309401	MC	69,884	0.65	0.51	0
EL836438880	MC	69,884	0.81	0.52	0
EL836456432	MC	69,884	0.73	0.40	0
EL836459385	MC	69,884	0.80	0.50	0
EL836461762	MC	69,884	0.74	0.51	0
EL836463708	MC	69,884	0.49	0.35	0
EL836464683	MC	69,884	0.82	0.54	0
EL836547482	MC	69,884	0.85	0.50	0
EL900353074	MC	69,884	0.81	0.53	0
EL904652080	MC	69,884	0.75	0.32	0
EL911558166	MC	69,884	0.83	0.38	0
EL911657712	MC	69,884	0.74	0.39	0
EL911763814	MC	69,884	0.84	0.53	0
EL911764401	MC	69,884	0.77	0.49	0
EL911862506	MC	69,884	0.90	0.46	0
EL911946437	MC	69,884	0.75	0.53	0
EL913447634	MC	69,884	0.64	0.36	0
EL913755133	MC	69,884	0.83	0.47	0
EL914324180	MC	69,884	0.58	0.26	0
EL914376798	MC	69,884	0.57	0.27	0
EL917559756	MC	69,884	0.70	0.50	0
EL919039373	MC	69,884	0.62	0.40	0
EL836448634	OR	69,884	0.65	0.55	0
EL836455548	OR	69,884	0.63	0.60	0
EL911659849	OR	69,884	0.88	0.55	0
EL913448483	OR	69,884	0.57	0.63	0
EL913761016	OR	69,884	0.69	0.53	0
EL836248600	WP	69,884	0.47	0.84	1
EL911774388	WP	69,884	0.45	0.81	1

**Table I-7. Item-Level Classical Test Theory Statistics—ELA Grade 10**

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
EL012153811	MC	66,706	0.80	0.41	0
EL012157583	MC	66,706	0.65	0.42	0
EL012733933	MC	66,706	0.76	0.44	0
EL013253097	MC	66,706	0.79	0.40	0
EL013255897	MC	66,706	0.64	0.40	0
EL013257840	MC	66,706	0.91	0.31	0
EL013258596	MC	66,706	0.68	0.44	0
EL013353391	MC	66,706	0.65	0.32	0
EL015041902	MC	66,706	0.86	0.44	0
EL909729691	MC	66,706	0.81	0.54	0
EL909753277	MC	66,706	0.72	0.47	0
EL909754342	MC	66,706	0.86	0.55	0
EL909755882	MC	66,706	0.79	0.49	0
EL910540421	MC	66,706	0.78	0.36	0
EL910641090	MC	66,706	0.85	0.57	0
EL910747872	MC	66,706	0.74	0.49	0
EL910857457	MC	66,706	0.89	0.47	0
EL910962538	MC	66,706	0.90	0.47	0
EL911153175	MC	66,706	0.51	0.26	0
EL911243156	MC	66,706	0.89	0.50	0
EL911243823	MC	66,706	0.82	0.37	0
EL012160579	OR	66,706	0.61	0.50	0
EL014953733	OR	66,706	0.66	0.48	0
EL019560241	OR	66,706	0.58	0.46	0
EL909560185	OR	66,706	0.88	0.51	0
EL909731553	OR	66,706	0.66	0.57	0
EL910860957	OR	66,706	0.73	0.58	0
EL910938823	OR	66,706	0.83	0.55	1
EL013138637	WP	66,706	0.59	0.84	1
EL910467723	WP	66,706	0.64	0.82	1

**Table I-8. Item-Level Classical Test Theory Statistics—Mathematics Grade 3**

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
MA264568	MC	64,882	0.74	0.49	0
MA303411	MC	64,882	0.45	0.47	0
MA303418	MC	64,882	0.53	0.58	0
MA306346	MC	64,882	0.48	0.65	0
MA310835	MC	64,882	0.60	0.64	0
MA310877	MC	64,882	0.40	0.31	0
MA735579087	MC	64,882	0.41	0.55	0
MA735732140	MC	64,882	0.77	0.50	0
MA900371208	MC	64,882	0.48	0.41	0
MA900374280	MC	64,882	0.72	0.53	0
MA900374565	MC	64,882	0.63	0.49	0
MA900379786	MC	64,882	0.30	0.31	0
MA900445883	MC	64,882	0.52	0.52	0
MA900571833	MC	64,882	0.71	0.51	0
MA900574704	MC	64,882	0.79	0.45	0
MA902576979	MC	64,882	0.40	0.39	0
MA260575	OR	64,882	0.67	0.56	0
MA286752A	OR	64,882	0.29	0.71	1
MA297478A	OR	64,882	0.69	0.67	0
MA300753A	OR	64,882	0.54	0.77	1
MA306288	OR	64,882	0.43	0.67	0
MA306339	OR	64,882	0.53	0.57	0

continued

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
MA306355	OR	64,882	0.77	0.53	0
MA310895	OR	64,882	0.42	0.42	0
MA703080328	OR	64,882	0.28	0.45	0
MA735659609	OR	64,882	0.75	0.50	2
MA735662802	OR	64,882	0.69	0.61	0
MA735767424	OR	64,882	0.56	0.58	0
MA735951978	OR	64,882	0.41	0.78	1
MA736029388	OR	64,882	0.59	0.61	1
MA834448527	OR	64,882	0.86	0.44	0
MA900371363	OR	64,882	0.37	0.40	2
MA900376906	OR	64,882	0.54	0.62	0
MA900430931	OR	64,882	0.28	0.47	3
MA900437563	OR	64,882	0.45	0.59	0
MA900440136	OR	64,882	0.47	0.49	1
MA900578884	OR	64,882	0.42	0.51	0
MA901139069	OR	64,882	0.73	0.56	0
MA902238195	OR	64,882	0.68	0.37	0
MA905135964	OR	64,882	0.31	0.26	0

**Table I-9. Item-Level Classical Test Theory Statistics—Mathematics Grade 4**

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
MA227395	MC	65,347	0.46	0.41	0
MA247687	MC	65,347	0.88	0.39	0
MA286765	MC	65,347	0.66	0.51	0
MA307310	MC	65,347	0.57	0.57	0
MA307326	MC	65,347	0.84	0.42	0
MA307692	MC	65,347	0.63	0.33	0
MA900662785	MC	65,347	0.58	0.60	0
MA900751683	MC	65,347	0.45	0.48	0
MA900754381	MC	65,347	0.41	0.56	0
MA900843428	MC	65,347	0.61	0.65	0
MA900845776	MC	65,347	0.77	0.38	0
MA227864	OR	65,347	0.71	0.43	0
MA279790	OR	65,347	0.75	0.50	0
MA294263	OR	65,347	0.22	0.48	0
MA302496A	OR	65,347	0.45	0.78	0
MA307066	OR	65,347	0.45	0.52	0
MA311579A	OR	65,347	0.62	0.75	0
MA623833763	OR	65,347	0.52	0.63	0
MA704650142	OR	65,347	0.56	0.55	0
MA704652242	OR	65,347	0.48	0.33	0
MA714230904	OR	65,347	0.28	0.47	0
MA800607912	OR	65,347	0.66	0.62	1
MA800633803	OR	65,347	0.57	0.54	0
MA800767155	OR	65,347	0.58	0.62	0
MA803738583	OR	65,347	0.29	0.67	0
MA900740880	OR	65,347	0.47	0.59	0
MA900749728	OR	65,347	0.25	0.40	1
MA900750814	OR	65,347	0.68	0.75	0
MA900751271	OR	65,347	0.65	0.47	0
MA900755205	OR	65,347	0.40	0.61	0
MA900775955	OR	65,347	0.59	0.55	0
MA900842465	OR	65,347	0.47	0.64	0
MA903053494	OR	65,347	0.57	0.67	0
MA903134963	OR	65,347	0.54	0.63	0
MA903537924	OR	65,347	0.64	0.57	0
MA903574399	OR	65,347	0.44	0.81	0

continued

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
MA903673001	OR	65,347	0.40	0.63	0
MA903757124	OR	65,347	0.30	0.52	1
MA903869200	OR	65,347	0.42	0.52	0
MA907358909	OR	65,347	0.30	0.60	0

**Table I-10. Item-Level Classical Test Theory Statistics—Mathematics Grade 5**

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
MA272788	MC	66,623	0.81	0.39	0
MA280507	MC	66,623	0.37	0.33	0
MA282154	MC	66,623	0.57	0.64	0
MA301145	MC	66,623	0.66	0.60	0
MA301593	MC	66,623	0.60	0.48	0
MA301831	MC	66,623	0.31	0.43	0
MA303749	MC	66,623	0.39	0.47	0
MA311287	MC	66,623	0.67	0.52	0
MA311301	MC	66,623	0.31	0.26	0
MA311307	MC	66,623	0.65	0.53	0
MA801650702	MC	66,623	0.57	0.58	0
MA801654509	MC	66,623	0.50	0.54	0
MA801668672	MC	66,623	0.76	0.51	0
MA900664816	MC	66,623	0.69	0.52	0
MA900941108	MC	66,623	0.51	0.38	0
MA901081374	MC	66,623	0.14	0.30	0
MA904134029	MC	66,623	0.52	0.44	0
MA207523	OR	66,623	0.50	0.63	0
MA287421	OR	66,623	0.74	0.54	0
MA298005	OR	66,623	0.52	0.71	1
MA301608	OR	66,623	0.38	0.67	1
MA303755	OR	66,623	0.44	0.50	0
MA310322	OR	66,623	0.66	0.53	0
MA624345222	OR	66,623	0.40	0.59	0
MA715102107	OR	66,623	0.88	0.31	0
MA715102342	OR	66,623	0.47	0.68	0
MA801176573	OR	66,623	0.51	0.60	1
MA802310847	OR	66,623	0.58	0.74	0
MA804575779	OR	66,623	0.53	0.59	0
MA804577344	OR	66,623	0.55	0.59	0
MA804577928	OR	66,623	0.45	0.50	0
MA804580860	OR	66,623	0.33	0.60	0
MA804583343	OR	66,623	0.47	0.56	1
MA900983475	OR	66,623	0.42	0.71	0
MA901073764	OR	66,623	0.40	0.79	1
MA903581246	OR	66,623	0.34	0.47	0
MA903733887	OR	66,623	0.53	0.63	0
MA904333760	OR	66,623	0.27	0.59	0
MA904338797	OR	66,623	0.57	0.63	0
MA908431377	OR	66,623	0.60	0.37	0



**Table I-11. Item-Level Classical Test Theory Statistics—Mathematics Grade 6**

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
MA264407	MC	66,600	0.49	0.52	0
MA272299	MC	66,600	0.73	0.50	0
MA272301	MC	66,600	0.39	0.39	0
MA293850	MC	66,600	0.58	0.50	0
MA298153	MC	66,600	0.67	0.52	0
MA298171	MC	66,600	0.57	0.51	0
MA301497	MC	66,600	0.59	0.42	0
MA311654	MC	66,600	0.61	0.41	0
MA736452061	MC	66,600	0.31	0.49	0
MA805276878	MC	66,600	0.45	0.25	0
MA900281418	MC	66,600	0.63	0.52	0
MA900470149	MC	66,600	0.74	0.39	0
MA900540139	MC	66,600	0.30	0.47	0
MA900541677	MC	66,600	0.28	0.41	0
MA908142878	MC	66,600	0.39	0.32	0
MA301231	OR	66,600	0.44	0.60	0
MA303713	OR	66,600	0.73	0.53	0
MA307234	OR	66,600	0.52	0.78	1
MA311664	OR	66,600	0.28	0.63	1
MA703149118	OR	66,600	0.43	0.65	0
MA703177677	OR	66,600	0.68	0.55	1
MA703178216	OR	66,600	0.36	0.41	1
MA703178717	OR	66,600	0.41	0.54	0
MA703181586	OR	66,600	0.39	0.61	0
MA703253363	OR	66,600	0.30	0.77	1
MA713648266	OR	66,600	0.28	0.56	0
MA714280042	OR	66,600	0.24	0.39	0
MA736363428	OR	66,600	0.64	0.52	1
MA736365457	OR	66,600	0.72	0.41	0
MA736481231	OR	66,600	0.48	0.65	1
MA736510525	OR	66,600	0.33	0.59	1
MA805104699	OR	66,600	0.26	0.62	0
MA805166085	OR	66,600	0.23	0.26	1
MA900283851	OR	66,600	0.59	0.70	1
MA900337563	OR	66,600	0.36	0.78	1
MA900437517	OR	66,600	0.35	0.47	0
MA900454764	OR	66,600	0.66	0.59	1
MA900462230	OR	66,600	0.62	0.60	0
MA900763184	OR	66,600	0.59	0.60	0
MA902139605	OR	66,600	0.50	0.79	1

**Table I-12. Item-Level Classical Test Theory Statistics—Mathematics Grade 7**

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
MA208377	MC	68,114	0.84	0.43	0
MA219513	MC	68,114	0.77	0.48	0
MA250531	MC	68,114	0.49	0.44	0
MA259184	MC	68,114	0.79	0.48	0
MA282220	MC	68,114	0.60	0.41	0
MA298183	MC	68,114	0.50	0.34	0
MA298208	MC	68,114	0.42	0.49	0
MA303697	MC	68,114	0.34	0.43	0
MA306487	MC	68,114	0.47	0.40	0
MA306632	MC	68,114	0.38	0.40	0
MA311107	MC	68,114	0.43	0.30	0
MA801363142	MC	68,114	0.37	0.39	0
MA801653090	MC	68,114	0.53	0.37	0
MA804677297	MC	68,114	0.21	0.30	0
MA900554929	MC	68,114	0.49	0.56	0
MA900556478	MC	68,114	0.35	0.46	0
MA900559852	MC	68,114	0.44	0.39	0
MA903153837	MC	68,114	0.37	0.35	0
MA904158907	MC	68,114	0.57	0.40	0
MA306506	OR	68,114	0.19	0.42	0
MA306559	OR	68,114	0.15	0.58	1
MA306566	OR	68,114	0.28	0.82	4
MA306625	OR	68,114	0.13	0.54	0
MA314790	OR	68,114	0.18	0.59	1
MA624047703	OR	68,114	0.40	0.56	0
MA703857670	OR	68,114	0.78	0.50	0
MA703872935	OR	68,114	0.58	0.55	0
MA713848070	OR	68,114	0.31	0.61	0
MA713849179	OR	68,114	0.30	0.64	0
MA717236235	OR	68,114	0.39	0.82	1
MA802914027	OR	68,114	0.43	0.80	3
MA804458974	OR	68,114	0.34	0.56	1
MA900553374	OR	68,114	0.23	0.63	2
MA900740124	OR	68,114	0.30	0.62	0
MA900741988	OR	68,114	0.26	0.60	1
MA900745156	OR	68,114	0.32	0.73	1
MA900831542	OR	68,114	0.57	0.54	0
MA900936469	OR	68,114	0.39	0.85	1
MA903155316	OR	68,114	0.58	0.59	0
MA904222253	OR	68,114	0.43	0.57	0

**Table I-13. Item-Level Classical Test Theory Statistics—Mathematics Grade 8**

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
MA259251	MC	70,453	0.47	0.47	0
MA264730	MC	70,453	0.63	0.52	0
MA275045	MC	70,453	0.68	0.54	0
MA301683	MC	70,453	0.53	0.36	0
MA301689	MC	70,453	0.40	0.43	0
MA307538	MC	70,453	0.51	0.43	0
MA311392	MC	70,453	0.41	0.37	0
MA311428	MC	70,453	0.49	0.55	0
MA800475574	MC	70,453	0.71	0.42	0
MA804466151	MC	70,453	0.72	0.35	0
MA901135378	MC	70,453	0.71	0.56	0
MA901135957	MC	70,453	0.40	0.44	0
MA901137084	MC	70,453	0.49	0.43	0
MA901137701	MC	70,453	0.71	0.40	0
MA901139314	MC	70,453	0.56	0.56	0
MA901142533	MC	70,453	0.52	0.44	0
MA901143832	MC	70,453	0.65	0.60	0
MA902262781	MC	70,453	0.39	0.43	0
MA902284919	MC	70,453	0.56	0.59	0
MA905271170	MC	70,453	0.61	0.47	0
MA908451759	MC	70,453	0.54	0.31	0
MA307515	OR	70,453	0.32	0.82	2
MA311386	OR	70,453	0.47	0.57	0
MA311459	OR	70,453	0.30	0.80	3
MA704833889	OR	70,453	0.44	0.57	1
MA715919547	OR	70,453	0.37	0.58	0
MA715920050	OR	70,446	0.60	0.75	1
MA800475031	OR	70,453	0.66	0.50	0
MA800562180	OR	70,453	0.57	0.57	0
MA803864446	OR	70,453	0.70	0.48	0
MA901143488	OR	70,453	0.43	0.56	0
MA901248805	OR	70,453	0.68	0.63	0
MA901252301	OR	70,453	0.51	0.67	1
MA902268353	OR	70,453	0.30	0.58	0
MA902281251	OR	70,453	0.58	0.67	0
MA902283272	OR	70,453	0.68	0.56	0
MA902305954	OR	70,453	0.43	0.54	0
MA902359126	OR	70,453	0.47	0.66	0
MA902400539	OR	70,453	0.30	0.79	2
MA905906652	OR	70,453	0.48	0.51	0

**Table I-14. Item-Level Classical Test Theory Statistics—Mathematics Grade 10**

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
MA250982	MC	65,629	0.55	0.43	0
MA281578	MC	65,629	0.46	0.51	0
MA281661	MC	65,629	0.48	0.39	0
MA287432	MC	65,629	0.76	0.57	0
MA287734	MC	65,629	0.45	0.57	0
MA294292	MC	65,629	0.60	0.60	0
MA308751	MC	65,629	0.61	0.37	0
MA311209	MC	65,629	0.41	0.59	0
MA311237	MC	65,629	0.76	0.45	0
MA311240	MC	65,629	0.51	0.36	0
MA314948	MC	65,629	0.66	0.47	0
MA315404	MC	65,629	0.72	0.53	0
MA315444	MC	65,629	0.64	0.53	0
MA315448	MC	65,629	0.78	0.49	0
MA315696	MC	65,629	0.77	0.42	0
MA900784138	MC	65,629	0.68	0.37	0
MA901373728	MC	65,629	0.60	0.36	0
MA903566809	MC	65,629	0.82	0.51	0
MA903579407	MC	65,629	0.72	0.49	0
MA903681943	MC	65,629	0.45	0.36	0
MA274106	OR	65,629	0.46	0.56	0
MA302066	OR	65,629	0.41	0.81	4
MA307124	OR	65,629	0.31	0.55	1
MA311223	OR	65,629	0.61	0.81	3
MA713335046	OR	65,629	0.70	0.60	0
MA713346383	OR	65,629	0.27	0.72	2
MA713808299	OR	65,629	0.53	0.78	1
MA713829689	OR	65,629	0.48	0.64	0
MA717348780	OR	65,629	0.39	0.50	0
MA805405196	OR	65,629	0.49	0.40	0
MA900779724	OR	65,629	0.41	0.72	1
MA901364620	OR	65,629	0.60	0.74	1
MA901372985	OR	65,629	0.49	0.35	0
MA901375276	OR	65,629	0.19	0.55	0
MA901378123	OR	65,629	0.41	0.75	0
MA901700241	OR	65,629	0.60	0.47	0
MA901762643	OR	65,629	0.40	0.57	0
MA901767462	OR	65,629	0.34	0.58	1
MA903452431	OR	65,629	0.33	0.57	0
MA903457147	OR	65,629	0.34	0.69	0
MA903470727	OR	65,629	0.53	0.65	0
MA903658309	OR	65,629	0.55	0.67	0

**Table I-15. Item-Level Classical Test Theory Statistics—STE Grade 5**

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
SC294474	MC	67,315	0.63	0.40	1
SC299518	MC	67,315	0.60	0.43	1
SC304477	MC	61,002	0.59	0.39	1
SC304593	MC	61,002	0.69	0.50	1
SC304689	MC	67,315	0.77	0.58	1
SC313116	MC	67,315	0.48	0.39	1
SC315783	MC	67,315	0.62	0.46	1
SC315960	MC	67,315	0.66	0.50	1
SC315963	MC	67,315	0.68	0.49	1
SC629544010	MC	67,315	0.42	0.43	1
SC630232218	MC	67,315	0.70	0.53	1
SC632355523	MC	67,315	0.56	0.51	1
SC736168952	MC	67,315	0.66	0.53	1
SC804073428	MC	61,002	0.81	0.47	1
SC804249221	MC	67,315	0.46	0.40	1
SC814661140	MC	67,315	0.83	0.50	1
SC903846864	MC	67,315	0.65	0.50	1
SC903852865	MC	67,315	0.65	0.46	1
SC904133849	MC	67,315	0.75	0.33	1
SC910555750	MC	67,315	0.86	0.50	1
SC911434880	MC	67,315	0.36	0.40	1
SC911554259	MC	67,315	0.49	0.52	1
SC313154	OR	60,995	0.35	0.62	2
SC625636354	OR	67,315	0.45	0.29	1
SC625638794	OR	61,002	0.58	0.51	2
SC626958463	OR	61,002	0.59	0.61	2
SC629273289	OR	67,315	0.28	0.51	2
SC630161361	OR	67,315	0.50	0.44	1
SC630756792	OR	61,002	0.40	0.65	2
SC710851159	OR	61,002	0.56	0.56	1
SC718080983	OR	67,315	0.56	0.42	1
SC718140870	OR	67,315	0.64	0.54	2
SC803880630	OR	67,315	0.60	0.56	1
SC804250232	OR	67,315	0.58	0.62	1
SC903843564	OR	67,315	0.45	0.46	1
SC903853405	OR	67,315	0.31	0.65	2
SC904142336	OR	67,315	0.85	0.29	1
SC910545826	OR	67,315	0.79	0.44	1
SC911947283	OR	67,315	0.55	0.41	1
SC911952526	OR	67,315	0.70	0.58	2
SC911956141	OR	67,315	0.42	0.68	2

**Table I-16. Item-Level Classical Test Theory Statistics—STE Grade 8**

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
SC265230	MC	63,674	0.33	0.15	0
SC291845	MC	69,981	0.28	0.34	0
SC294244	MC	69,981	0.31	0.27	0
SC304491	MC	69,981	0.45	0.39	0
SC310231	MC	69,981	0.60	0.39	0
SC313185	MC	69,981	0.70	0.57	0
SC313192	MC	69,981	0.35	0.29	0
SC631649634	MC	69,981	0.38	0.40	0
SC632265448	MC	69,981	0.66	0.44	0
SC632267387	MC	69,981	0.35	0.13	0
SC632268044	MC	69,981	0.55	0.43	0
SC633058958	MC	69,981	0.64	0.41	0
SC735475827	MC	69,981	0.41	0.32	0
SC803873079	MC	69,981	0.28	0.28	0
SC814037351	MC	69,981	0.41	0.48	0
SC903843363	MC	69,981	0.75	0.54	0
SC903846698	MC	69,981	0.72	0.57	0
SC903847508	MC	69,981	0.48	0.44	0
SC910947265	MC	69,981	0.44	0.52	0
SC910959157	MC	69,981	0.74	0.47	0
SC630748134	OR	69,981	0.49	0.53	0
SC631744146	OR	63,667	0.39	0.70	1
SC632267532	OR	69,981	0.43	0.61	0
SC632843069	OR	69,981	0.53	0.52	0
SC633724344	OR	63,674	0.53	0.51	0
SC718682565	OR	63,674	0.66	0.35	1
SC718684123	OR	63,674	0.58	0.44	1
SC735551980	OR	69,981	0.61	0.49	0
SC803361743	OR	69,981	0.58	0.27	1
SC804379456	OR	69,981	0.64	0.56	0
SC807303457	OR	63,674	0.57	0.38	1
SC807345964	OR	63,674	0.47	0.67	1
SC810865313	OR	63,674	0.39	0.60	2
SC815762323	OR	69,981	0.71	0.56	0
SC816553266	OR	69,981	0.39	0.55	2
SC903849539	OR	69,981	0.39	0.53	1
SC903853728	OR	69,981	0.49	0.75	2
SC905147343	OR	69,981	0.71	0.48	0
SC905636245	OR	69,981	0.58	0.60	1
SC910949833	OR	69,981	0.64	0.33	0
SC911252123	OR	69,981	0.51	0.66	1

**Table I-17. Item-Level Classical Test Theory Statistics—HS Biology (Next-Generation)**

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
SC290963	MC	56,008	0.62	0.48	0
SC290995	MC	56,008	0.67	0.49	0
SC295301	MC	56,008	0.74	0.56	0
SC305782	MC	56,008	0.55	0.47	0
SC310067	MC	56,008	0.55	0.40	0
SC310116	MC	56,008	0.41	0.51	0
SC310169	MC	56,008	0.38	0.33	0
SC310170	MC	56,008	0.56	0.46	0
SC312640	MC	56,008	0.63	0.54	0
SC313336	MC	56,008	0.77	0.46	0
SC316130	MC	56,008	0.55	0.49	0
SC626969020	MC	56,008	0.71	0.51	0
SC628779508	MC	56,008	0.23	0.53	0
SC630004484	MC	56,008	0.53	0.44	0
SC632411482	MC	56,008	0.44	0.57	0
SC705540607	MC	56,008	0.46	0.39	0
SC802252224	MC	56,008	0.46	0.37	0
SC802464161	MC	56,008	0.73	0.42	0
SC808656513	MC	56,008	0.46	0.49	0
SC809547981	MC	56,008	0.73	0.55	0
SC816240449	MC	56,008	0.63	0.47	0
SC289153	OR	56,008	0.42	0.67	2
SC299815	OR	56,008	0.73	0.50	0
SC310118	OR	56,008	0.39	0.55	0
SC312659	OR	56,008	0.48	0.79	1
SC316264	OR	56,008	0.52	0.80	3
SC721652006	OR	56,008	0.70	0.56	1
SC723341794	OR	56,008	0.51	0.54	0
SC735277981	OR	56,008	0.56	0.55	0
SC735278731	OR	56,008	0.37	0.36	0
SC735565579	OR	56,008	0.69	0.40	0
SC800133220	OR	56,008	0.38	0.53	0
SC800159954	OR	56,008	0.36	0.13	0
SC800237153	OR	56,008	0.52	0.53	0
SC800265247	OR	56,008	0.80	0.43	0
SC801968916	OR	56,008	0.38	0.43	0
SC802140462	OR	56,008	0.65	0.57	0
SC802366273	OR	56,008	0.79	0.53	0
SC809565082	OR	56,008	0.58	0.56	0
SC810644809	OR	56,008	0.73	0.55	0
SC810679235	OR	56,008	0.46	0.73	1
SC816235890	OR	56,008	0.29	0.74	0

**Table I-18. Item-Level Classical Test Theory Statistics—HS Introductory Physics (Next-Generation)**

Item Number	Item Type	N	Difficulty	Discrimination	Percent Omitted (%)
SC295853	MC	14,002	0.72	0.51	0
SC295930	MC	14,002	0.61	0.59	0
SC299327	MC	14,002	0.56	0.33	0
SC305502	MC	14,002	0.56	0.60	0
SC310444	MC	14,002	0.46	0.55	0
SC310503	MC	14,002	0.66	0.57	0
SC313700	MC	14,002	0.65	0.58	0
SC316336	MC	14,002	0.83	0.41	0
SC316360	MC	14,002	0.61	0.28	0
SC316412	MC	14,002	0.47	0.40	0
SC628500455	MC	14,002	0.47	0.30	0
SC628806324	MC	14,002	0.70	0.42	0
SC630646904	MC	14,002	0.66	0.34	0
SC630647903	MC	14,002	0.60	0.53	0
SC630758569	MC	14,002	0.60	0.56	0
SC704634184	MC	14,002	0.74	0.46	0
SC801055214	MC	14,002	0.78	0.45	0
SC802855383	MC	14,002	0.70	0.59	0
SC804654929	MC	14,002	0.61	0.65	0
SC805444653	MC	14,002	0.60	0.47	0
SC805445772	MC	14,002	0.35	0.37	0
SC811061342	MC	14,002	0.86	0.41	0
SC812978638	MC	14,002	0.67	0.52	0
SC814083596	MC	14,002	0.41	0.39	0
SC814178657	MC	14,002	0.52	0.51	0
SC814182548	MC	14,002	0.74	0.32	0
SC814934778	MC	14,002	0.63	0.44	0
SC815481175	MC	14,002	0.32	0.40	0
SC280834	OR	14,002	0.53	0.80	2
SC302741	OR	14,002	0.34	0.77	2
SC313765	OR	14,002	0.41	0.78	2
SC717248397	OR	14,002	0.46	0.42	0
SC736560727	OR	14,002	0.80	0.49	0
SC804439301	OR	14,002	0.57	0.47	0
SC804657396	OR	14,002	0.70	0.53	0
SC805182225	OR	14,002	0.46	0.74	2
SC805336879	OR	14,002	0.63	0.49	1
SC805444497	OR	14,002	0.49	0.59	0
SC805445031	OR	14,002	0.87	0.38	1
SC805553291	OR	14,002	0.40	0.54	0
SC805975282	OR	14,002	0.52	0.77	0
SC812979643	OR	14,002	0.80	0.31	0



**Table I-19. Item-Level Classical Test Theory Statistics—Alt/ELA**

Grade	Item Number	Item Type	N	Difficulty	Discrimination
3	comp1	OR	866	0.59	0.30
	comp2	OR	866	0.59	0.28
	comp3	OR	866	0.58	0.36
	ind1	OR	833	0.93	0.50
	ind2	OR	787	0.92	0.49
	ind3	OR	821	0.84	0.44
	sk1	OR	833	0.97	0.35
	sk2	OR	787	0.96	0.32
	sk3	OR	821	0.47	0.47
4	comp1	OR	832	0.59	0.30
	comp2	OR	832	0.59	0.32
	comp3	OR	832	0.58	0.35
	ind1	OR	802	0.95	0.38
	ind2	OR	748	0.94	0.51
	ind3	OR	794	0.87	0.38
	sk1	OR	802	0.97	0.36
	sk2	OR	748	0.96	0.36
	sk3	OR	794	0.49	0.47
5	comp1	OR	756	0.59	0.31
	comp2	OR	756	0.59	0.33
	comp3	OR	756	0.58	0.40
	ind1	OR	727	0.95	0.38
	ind2	OR	692	0.94	0.43
	ind3	OR	705	0.87	0.42
	sk1	OR	727	0.97	0.35
	sk2	OR	692	0.96	0.42
	sk3	OR	705	0.52	0.53
6	comp1	OR	740	0.59	0.34
	comp2	OR	740	0.59	0.38
	comp3	OR	740	0.58	0.39
	ind1	OR	710	0.95	0.45
	ind2	OR	680	0.94	0.49
	ind3	OR	707	0.85	0.44
	sk1	OR	710	0.96	0.29
	sk2	OR	680	0.96	0.39
	sk3	OR	707	0.50	0.48
7	comp1	OR	730	0.59	0.28
	comp2	OR	730	0.59	0.32
	comp3	OR	730	0.58	0.34
	ind1	OR	704	0.95	0.40
	ind2	OR	648	0.94	0.47
	ind3	OR	690	0.86	0.40
	sk1	OR	704	0.97	0.36
	sk2	OR	648	0.96	0.40
	sk3	OR	690	0.52	0.51

continued

Grade	Item Number	Item Type	N	Difficulty	Discrimination
8	comp1	OR	754	0.59	0.38
	comp2	OR	754	0.59	0.41
	comp3	OR	754	0.58	0.44
	ind1	OR	734	0.95	0.45
	ind2	OR	705	0.93	0.48
	ind3	OR	704	0.85	0.50
	sk1	OR	734	0.96	0.34
	sk2	OR	705	0.96	0.35
	sk3	OR	704	0.51	0.52
HS	comp1	OR	729	0.59	0.32
	comp2	OR	729	0.59	0.33
	comp3	OR	729	0.58	0.36
	ind1	OR	703	0.94	0.37
	ind2	OR	650	0.93	0.42
	ind3	OR	687	0.86	0.43
	sk1	OR	703	0.97	0.30
	sk2	OR	650	0.97	0.31
	sk3	OR	687	0.55	0.53

**Table I-20. Item-Level Classical Test Theory Statistics—Alt/Mathematics**

Grade	Item Number	Item Type	N	Difficulty	Discrimination
3	comp1	OR	774	0.59	0.42
	comp5	OR	774	0.59	0.42
	ind1	OR	774	0.93	0.76
	ind5	OR	774	0.93	0.72
	sk1	OR	774	0.97	0.51
	sk5	OR	774	0.97	0.54
4	comp1	OR	738	0.59	0.46
	comp3	OR	738	0.59	0.48
	ind1	OR	738	0.93	0.72
	ind3	OR	738	0.94	0.74
	sk1	OR	738	0.97	0.52
	sk3	OR	738	0.97	0.53
5	comp2	OR	665	0.58	0.58
	comp3	OR	665	0.59	0.59
	ind2	OR	665	0.94	0.71
	ind3	OR	665	0.94	0.69
	sk2	OR	665	0.96	0.56
	sk3	OR	665	0.97	0.58
6	comp2	OR	688	0.59	0.52
	comp5	OR	688	0.58	0.53
	ind2	OR	688	0.93	0.75
	ind5	OR	688	0.93	0.78
	sk2	OR	688	0.97	0.45
	sk5	OR	688	0.97	0.46
7	comp1	OR	660	0.59	0.47
	comp4	OR	660	0.59	0.38
	ind1	OR	660	0.93	0.75
	ind4	OR	660	0.94	0.72
	sk1	OR	660	0.97	0.46
	sk4	OR	660	0.97	0.47

continued

Grade	Item Number	Item Type	N	Difficulty	Discrimination
8	comp2	OR	683	0.58	0.51
	comp4	OR	683	0.59	0.43
	ind2	OR	683	0.92	0.70
	ind4	OR	683	0.94	0.67
	sk2	OR	683	0.96	0.59
	sk4	OR	683	0.96	0.64
HS	comp1	OR	194	0.59	0.16
	comp2	OR	589	0.59	0.23
	comp3	OR	440	0.59	0.23
	comp4	OR	588	0.58	0.30
	comp5	OR	407	0.58	0.21
	ind1	OR	181	0.92	0.49
	ind2	OR	555	0.94	0.38
	ind3	OR	422	0.94	0.43
	ind4	OR	552	0.92	0.51
	ind5	OR	379	0.92	0.45
	sk1	OR	181	0.98	0.30
	sk2	OR	555	0.97	0.34
	sk3	OR	422	0.96	0.30
	sk4	OR	552	0.96	0.33
	sk5	OR	379	0.97	0.38

**Table I-21. Item-Level Classical Test Theory Statistics—Alt/STE**

Grade	Item Number	Item Type	N	Difficulty	Discrimination	
5	comp1	OR	678	0.58	0.38	
	comp2	OR	683	0.58	0.42	
	comp3	OR	674	0.58	0.38	
	comp4	OR	54	0.55	0.53	
	ind1	OR	654	0.87	0.57	
	ind2	OR	654	0.86	0.60	
	ind3	OR	649	0.86	0.58	
	ind4	OR	52	0.86	0.70	
	sk1	OR	654	0.97	0.28	
	sk2	OR	654	0.97	0.33	
	sk3	OR	649	0.97	0.31	
	sk4	OR	52	0.96	0.15	
	8	comp1	OR	676	0.58	0.41
		comp2	OR	692	0.58	0.38
comp3		OR	648	0.58	0.40	
comp4		OR	102	0.57	0.40	
ind1		OR	660	0.85	0.63	
ind2		OR	667	0.87	0.63	
ind3		OR	631	0.86	0.64	
ind4		OR	96	0.87	0.40	
sk1		OR	660	0.97	0.39	
sk2		OR	667	0.97	0.38	
sk3		OR	631	0.97	0.36	
sk4		OR	96	0.97	0.19	

**Table I-22. Item-Level Classical Test Theory Statistics—Alt/Biology**

Grade	Item Number	Item Type	N	Difficulty	Discrimination
HS	comp1	OR	428	0.58	0.42
	comp2	OR	428	0.58	0.39
	comp3	OR	428	0.58	0.39
	ind1	OR	420	0.85	0.66
	ind2	OR	418	0.84	0.67
	ind3	OR	412	0.85	0.65
	sk1	OR	420	0.96	0.34
	sk2	OR	418	0.96	0.21
	sk3	OR	412	0.96	0.29

**Table I-23. Item-Level Classical Test Theory Statistics—Alt/Chemistry**

Grade	Item Number	Item Type	N	Difficulty	Discrimination
HS	comp1	OR	122	0.60	0.31
	comp2	OR	122	0.60	0.31
	comp3	OR	122	0.60	0.31
	ind1	OR	119	0.98	0.29
	ind2	OR	119	0.97	0.28
	ind3	OR	118	0.97	0.23
	sk1	OR	119	0.98	0.21
	sk2	OR	119	0.98	0.29
	sk3	OR	118	0.97	0.41

*Discrimination statistics cannot be reported for some Alt/Chemistry items because the sample size of students was too small in 2021.*

**Table I-24. Item-Level Classical Test Theory Statistics—Alt/Introductory Physics**

Grade	Item Number	Item Type	N	Difficulty	Discrimination
HS	comp1	OR	67	0.57	0.48
	comp2	OR	67	0.58	0.36
	comp3	OR	67	0.57	0.46
	ind1	OR	66	0.81	0.66
	ind2	OR	62	0.83	0.59
	ind3	OR	62	0.79	0.74
	sk1	OR	66	0.92	0.27
	sk2	OR	62	0.92	0.20
	sk3	OR	62	0.94	0.17

*Difficulty and discrimination statistics cannot be reported for Alt/Introductory Physics because the sample size of students was too small in 2021.*

**Table I-25. Item-Level Classical Test Theory Statistics—Alt/TEC**

Grade	Item Number	Item Type	N	Difficulty	Discrimination
HS	comp1	OR	119	0.59	0.32
	comp2	OR	119	0.60	0.27
	comp3	OR	119	0.59	0.26
	ind1	OR	115	0.96	0.52
	ind2	OR	116	0.96	0.52
	ind3	OR	117	0.95	0.46
	sk1	OR	115	0.97	0.48
	sk2	OR	116	0.96	0.42
	sk3	OR	117	0.94	0.50