

APPENDIX A

DELTA ANALYSES

Appendix A

All of the tables in Appendix A use the following abbreviations in column headings:

IREF	=	Internal Reference Number for each item
OLDP	=	2005 Item Difficulty Index
NEWP	=	2006 Item Difficulty Index
OLDDDELTA	=	2005 Delta Value
NEWDELTA	=	2006 Delta Value
LINE	=	Regression line
MAX	=	Maximum Number of Raw Score Points
DISCARD	=	Whether or not the item was discarded from use as an equating item; "NO" is the default

For additional information regarding delta analyses, refer to section 4.3 of this document.

Table A1: MCAS 2005–2006 Reading Grade 3

IREF	OLDP	NEWP	OLDDDELTA	NEWDELTA	LINE	MAX	DISCARD
214009	0.650	0.680	11.459	11.129	11.238	1	NO
214010	0.790	0.790	9.774	9.774	9.925	1	NO
214022	0.680	0.710	11.129	10.787	10.906	1	NO
214025	0.433	0.403	13.680	13.988	14.010	4	NO
214073	0.810	0.840	9.488	9.022	9.195	1	NO
214074	0.870	0.880	8.494	8.300	8.495	1	NO
214075	0.870	0.910	8.494	7.637	7.852	1	NO
214076	0.800	0.810	9.634	9.488	9.647	1	NO
214077	0.810	0.810	9.488	9.488	9.647	1	NO
214078	0.830	0.850	9.183	8.854	9.032	1	NO
214079	0.760	0.780	10.175	9.911	10.057	1	NO
214080	0.520	0.580	12.799	12.192	12.269	1	NO
214081	0.730	0.770	10.549	10.045	10.187	4	NO
214091	0.780	0.800	9.911	9.634	9.788	1	NO
214092	0.950	0.950	6.421	6.421	6.673	1	NO
214093	0.910	0.920	7.637	7.380	7.603	1	NO
214094	0.710	0.700	10.787	10.902	11.018	1	NO
214100	0.810	0.820	9.488	9.339	9.502	1	NO
214101	0.850	0.840	8.854	9.022	9.195	1	NO
214102	0.570	0.540	12.295	12.598	12.663	1	NO
214103	0.790	0.790	9.774	9.774	9.925	1	NO
214104	0.830	0.830	9.183	9.183	9.352	1	NO
214105	0.660	0.650	11.350	11.459	11.558	1	NO
214106	0.820	0.820	9.339	9.339	9.502	1	NO
214107	0.930	0.930	7.097	7.097	7.328	1	NO
214108	0.683	0.700	11.101	10.902	11.018	4	NO

Appendix A

Table A2: MCAS 2005–2006 English Language Arts Grade 4

IREF	OLDP	NEWP	OLDDDELTA	NEWDELTA	LINE	MAX	DISCARD
225706	0.830	0.840	9.183	9.022	8.983	1	NO
225706	0.840	0.840	9.022	9.022	8.983	1	NO
225709	0.520	0.480	12.799	13.201	13.065	1	NO
225709	0.520	0.480	12.799	13.201	13.065	1	NO
225710	0.800	0.770	9.634	10.045	9.982	1	NO
225710	0.810	0.770	9.488	10.045	9.982	1	NO
225713	0.470	0.430	13.301	13.706	13.558	1	NO
225713	0.460	0.430	13.402	13.706	13.558	1	NO
225721	0.370	0.400	14.327	14.013	13.859	1	NO
225721	0.390	0.400	14.117	14.013	13.859	1	NO
225731	0.600	0.590	11.987	12.090	11.980	1	NO
225731	0.620	0.590	11.778	12.090	11.980	1	NO
225736	0.690	0.700	11.017	10.902	10.820	1	NO
225736	0.690	0.700	11.017	10.902	10.820	1	NO
225743	0.518	0.543	12.825	12.573	12.452	4	NO
225743	0.508	0.543	12.925	12.573	12.452	4	NO
225753	0.860	0.860	8.679	8.679	8.647	1	NO
225753	0.870	0.860	8.494	8.679	8.647	1	NO
225754	0.920	0.920	7.380	7.380	7.378	1	NO
225754	0.920	0.920	7.380	7.380	7.378	1	NO
225756	0.910	0.900	7.637	7.874	7.861	1	NO
225756	0.890	0.900	8.094	7.874	7.861	1	NO
225937	0.660	0.700	11.350	10.902	10.820	1	NO
225944	0.800	0.810	9.634	9.488	9.438	1	NO
225949	0.720	0.710	10.669	10.787	10.707	1	NO
225967	0.510	0.483	12.900	13.176	13.041	4	NO
228178	0.750	0.740	10.302	10.427	10.355	1	NO
228192	0.780	0.760	9.911	10.175	10.109	1	NO
228192	0.790	0.760	9.774	10.175	10.109	1	NO
228201	0.820	0.810	9.339	9.488	9.438	1	NO
228205	0.830	0.820	9.183	9.339	9.292	1	NO
228215	0.850	0.850	8.854	8.854	8.819	1	NO
228225	0.860	0.900	8.679	7.874	7.861	1	YES
228265	0.680	0.660	11.129	11.350	11.257	1	NO
228276	0.770	0.730	10.045	10.549	10.474	1	NO
228278	0.640	0.630	11.566	11.673	11.572	1	NO
228281	0.495	0.445	13.050	13.553	13.410	4	NO
228290	0.630	0.640	11.673	11.566	11.468	1	NO

Table A3: MCAS 2005–2006 English Language Arts Grade 7

IREF	OLDP	NEWP	OLDELTA	NEWDELTA	LINE	MAX	DISCARD
224900	0.810	0.820	9.488	9.339	9.354	1	NO
224909	0.740	0.710	10.427	10.787	10.825	1	NO
224911	0.810	0.750	9.488	10.302	10.333	1	NO
224913	0.760	0.750	10.175	10.302	10.333	1	NO
224918	0.623	0.583	11.752	12.167	12.227	4	NO
224946	0.860	0.860	8.679	8.679	8.684	1	NO
224951	0.640	0.710	11.566	10.787	10.825	1	NO
224954	0.940	0.930	6.781	7.097	7.077	1	NO
224955	0.730	0.720	10.549	10.669	10.705	1	NO
225543	0.890	0.910	8.094	7.637	7.626	1	NO
225543	0.910	0.910	7.637	7.637	7.626	1	NO
225545	0.770	0.800	10.045	9.634	9.654	1	NO
225546	0.690	0.710	11.017	10.787	10.825	1	NO
225546	0.710	0.710	10.787	10.787	10.825	1	NO
225549	0.890	0.900	8.094	7.874	7.866	1	NO
225549	0.890	0.900	8.094	7.874	7.866	1	NO
225550	0.820	0.810	9.339	9.488	9.506	1	NO
225551	0.830	0.830	9.183	9.183	9.197	1	NO
225551	0.850	0.830	8.854	9.183	9.197	1	NO
225553	0.800	0.820	9.634	9.339	9.354	1	NO
225553	0.820	0.820	9.339	9.339	9.354	1	NO
225554	0.590	0.570	12.090	12.295	12.357	1	NO
225554	0.610	0.570	11.883	12.295	12.357	1	NO
225556	0.280	0.280	15.331	15.331	15.442	1	NO
225556	0.270	0.280	15.451	15.331	15.442	1	NO
225561	0.610	0.660	11.883	11.350	11.398	1	NO
225561	0.630	0.660	11.673	11.350	11.398	1	NO
225565	0.403	0.443	13.988	13.579	13.661	4	NO
225565	0.423	0.443	13.782	13.579	13.661	4	NO
225593	0.700	0.710	10.902	10.787	10.825	1	NO
225596	0.690	0.750	11.017	10.302	10.333	1	NO
225597	0.510	0.503	12.900	12.975	13.048	4	NO
225618	0.740	0.740	10.427	10.427	10.459	1	NO
225621	0.780	0.790	9.911	9.774	9.797	1	NO
225625	0.610	0.620	11.883	11.778	11.832	1	NO
225625	0.650	0.620	11.459	11.778	11.832	1	NO
225630	0.840	0.820	9.022	9.339	9.354	1	NO
225631	0.890	0.880	8.094	8.300	8.299	1	NO
225635	0.690	0.690	11.017	11.017	11.059	1	NO
225638	0.850	0.810	8.854	9.488	9.506	1	NO
225640	0.525	0.518	12.749	12.825	12.895	4	NO
225661	0.770	0.800	10.045	9.634	9.654	1	NO
225661	0.790	0.800	9.774	9.634	9.654	1	NO
225663	0.700	0.750	10.902	10.302	10.333	1	NO
225663	0.720	0.750	10.669	10.302	10.333	1	NO
225664	0.810	0.840	9.488	9.022	9.033	1	NO
225664	0.830	0.840	9.183	9.022	9.033	1	NO
225665	0.540	0.580	12.598	12.192	12.253	1	NO
225665	0.580	0.580	12.192	12.192	12.253	1	NO
225667	0.463	0.528	13.377	12.724	12.793	4	NO
225667	0.548	0.528	12.523	12.724	12.793	4	NO
225678	0.810	0.820	9.488	9.339	9.354	1	NO
225679	0.680	0.680	11.129	11.129	11.173	1	NO
225700	0.850	0.830	8.854	9.183	9.197	1	NO
225707	0.518	0.520	12.825	12.799	12.870	4	NO
225718	0.650	0.600	11.459	11.987	12.044	1	NO
225726	0.740	0.670	10.427	11.240	11.286	1	NO

Appendix A

Table A4: MCAS 2005–2006 English Language Arts Grade 10

IREF	OLDP	NEWP	OLDDDELTA	NEWDELTA	LINE	MAX	DISCARD
227037	0.740	0.710	10.427	10.787	10.755	1	NO
227037	0.740	0.730	10.427	10.549	10.524	1	NO
227042	0.720	0.720	10.669	10.669	10.641	1	NO
227042	0.720	0.710	10.669	10.787	10.755	1	NO
227045	0.710	0.690	10.787	11.017	10.980	1	NO
227045	0.710	0.690	10.787	11.017	10.980	1	NO
227048	0.710	0.690	10.787	11.017	10.980	1	NO
227048	0.710	0.690	10.787	11.017	10.980	1	NO
227051	0.660	0.700	11.350	10.902	10.868	1	NO
227051	0.660	0.710	11.350	10.787	10.755	1	NO
227053	0.860	0.870	8.679	8.494	8.523	1	NO
227053	0.860	0.830	8.679	9.183	9.194	1	NO
227054	0.600	0.620	11.987	11.778	11.721	1	NO
227054	0.600	0.610	11.987	11.883	11.823	1	NO
227056	0.583	0.598	12.167	12.013	11.950	4	NO
227056	0.583	0.575	12.167	12.244	12.175	4	NO
227074	0.690	0.660	11.017	11.350	11.305	1	NO
227074	0.690	0.630	11.017	11.673	11.619	1	NO
227077	0.560	0.570	12.396	12.295	12.225	1	NO
227077	0.560	0.610	12.396	11.883	11.823	1	NO
227078	0.650	0.650	11.459	11.459	11.410	1	NO
227078	0.650	0.630	11.459	11.673	11.619	1	NO
227079	0.590	0.580	12.090	12.192	12.125	1	NO
227079	0.590	0.580	12.090	12.192	12.125	1	NO
227081	0.760	0.760	10.175	10.175	10.160	1	NO
227081	0.760	0.770	10.175	10.045	10.033	1	NO
227083	0.625	0.605	11.725	11.935	11.874	4	NO
227083	0.625	0.583	11.725	12.167	12.100	4	NO
227156	0.790	0.780	9.774	9.911	9.903	1	NO
227156	0.790	0.790	9.774	9.774	9.769	1	NO
227157	0.610	0.620	11.883	11.778	11.721	1	NO
227157	0.610	0.630	11.883	11.673	11.619	1	NO
227158	0.840	0.810	9.022	9.488	9.491	1	NO
227158	0.840	0.800	9.022	9.634	9.632	1	NO
227159	0.820	0.820	9.339	9.339	9.345	1	NO
227159	0.820	0.790	9.339	9.774	9.769	1	NO
227161	0.800	0.730	9.634	10.549	10.524	1	NO
227161	0.800	0.750	9.634	10.302	10.284	1	NO
227163	0.600	0.620	11.987	11.778	11.721	1	NO
227163	0.600	0.590	11.987	12.090	12.025	1	NO
227164	0.620	0.570	11.778	12.295	12.225	1	NO
227164	0.620	0.590	11.778	12.090	12.025	1	NO
227166	0.730	0.760	10.549	10.175	10.160	1	NO
227166	0.730	0.760	10.549	10.175	10.160	1	NO
227168	0.578	0.593	12.218	12.064	12.000	4	NO
227168	0.578	0.595	12.218	12.038	11.975	4	NO
227177	0.610	0.660	11.883	11.350	11.305	1	NO
227177	0.610	0.640	11.883	11.566	11.515	1	NO
227181	0.620	0.670	11.778	11.240	11.198	1	NO
227181	0.620	0.670	11.778	11.240	11.198	1	NO
227184	0.660	0.660	11.350	11.350	11.305	1	NO
227184	0.660	0.690	11.350	11.017	10.980	1	NO
227185	0.780	0.760	9.911	10.175	10.160	1	NO
227185	0.780	0.780	9.911	9.911	9.903	1	NO
227186	0.535	0.525	12.649	12.749	12.667	4	NO
227186	0.535	0.533	12.649	12.674	12.594	4	NO

(cont.)

Table A4: MCAS 2005–2006 English Language Arts Grade 10 (cont.)

227199	0.850	0.850	8.854	8.854	8.873	1	NO
227199	0.850	0.840	8.854	9.022	9.037	1	NO
227201	0.800	0.820	9.634	9.339	9.345	1	NO
227201	0.800	0.830	9.634	9.183	9.194	1	NO
227202	0.790	0.810	9.774	9.488	9.491	1	NO
227202	0.790	0.790	9.774	9.774	9.769	1	NO
227204	0.830	0.810	9.183	9.488	9.491	1	NO
227204	0.830	0.810	9.183	9.488	9.491	1	NO
227206	0.630	0.620	11.673	11.778	11.721	1	NO
227206	0.630	0.620	11.673	11.778	11.721	1	NO
227208	0.820	0.820	9.339	9.339	9.345	1	NO
227208	0.820	0.800	9.339	9.634	9.632	1	NO
227209	0.660	0.660	11.350	11.350	11.305	1	NO
227209	0.660	0.640	11.350	11.566	11.515	1	NO
227211	0.790	0.800	9.774	9.634	9.632	1	NO
227211	0.790	0.800	9.774	9.634	9.632	1	NO
227212	0.660	0.663	11.350	11.323	11.278	4	NO
227212	0.660	0.653	11.350	11.432	11.384	4	NO
228181	0.860	0.870	8.679	8.494	8.523	1	NO
228185	0.810	0.840	9.488	9.022	9.037	1	NO
228193	0.810	0.820	9.488	9.339	9.345	1	NO
228197	0.890	0.900	8.094	7.874	7.918	1	NO
228204	0.770	0.800	10.045	9.634	9.632	1	NO
228222	0.770	0.780	10.045	9.911	9.903	1	NO
228226	0.600	0.590	11.987	12.090	12.025	1	NO
228227	0.850	0.850	8.854	8.854	8.873	1	NO
228230	0.730	0.740	10.549	10.427	10.405	1	NO
228231	0.840	0.830	9.022	9.183	9.194	1	NO
228233	0.870	0.880	8.494	8.300	8.333	1	NO
228243	0.568	0.538	12.320	12.624	12.545	4	NO
228244	0.840	0.830	9.022	9.183	9.194	1	NO
228247	0.530	0.555	12.699	12.447	12.373	4	NO
228267	0.770	0.780	10.045	9.911	9.903	1	NO
228283	0.870	0.880	8.494	8.300	8.333	1	NO
228285	0.940	0.930	6.781	7.097	7.161	1	NO
228289	0.860	0.920	8.679	7.380	7.437	1	NO
228299	0.730	0.710	10.549	10.787	10.755	1	NO
228323	0.780	0.870	9.911	8.494	8.523	1	NO
228329	0.850	0.930	8.854	7.097	7.161	1	NO
228331	0.620	0.670	11.778	11.240	11.198	1	NO
228335	0.750	0.780	10.302	9.911	9.903	1	NO
228339	0.600	0.643	11.987	11.539	11.489	4	NO
228378	0.920	0.900	7.380	7.874	7.918	1	NO
228393	0.850	0.830	8.854	9.183	9.194	1	NO
228394	0.840	0.840	9.022	9.022	9.037	1	NO
228426	0.410	0.400	13.910	14.013	13.899	1	NO
228426	0.410	0.380	13.910	14.222	14.102	1	NO
228460	0.660	0.630	11.350	11.673	11.619	1	NO
228460	0.660	0.640	11.350	11.566	11.515	1	NO
228462	0.640	0.620	11.566	11.778	11.721	1	NO
228462	0.640	0.630	11.566	11.673	11.619	1	NO
228463	0.790	0.750	9.774	10.302	10.284	1	NO
228463	0.790	0.760	9.774	10.175	10.160	1	NO
228464	0.790	0.750	9.774	10.302	10.284	1	NO
228464	0.790	0.750	9.774	10.302	10.284	1	NO
228465	0.720	0.740	10.669	10.427	10.405	1	NO
228465	0.720	0.730	10.669	10.549	10.524	1	NO

(cont.)

Appendix A

Table A4: MCAS 2005–2006 English Language Arts Grade 10 (cont.)

228466	0.820	0.780	9.339	9.911	9.903	1	NO
228466	0.820	0.790	9.339	9.774	9.769	1	NO
228467	0.610	0.610	11.883	11.883	11.823	1	NO
228467	0.610	0.610	11.883	11.883	11.823	1	NO
228468	0.568	0.580	12.320	12.192	12.125	4	NO
228468	0.568	0.575	12.320	12.244	12.175	4	NO
228480	0.870	0.840	8.494	9.022	9.037	1	NO
228480	0.870	0.860	8.494	8.679	8.702	1	NO
228482	0.810	0.790	9.488	9.774	9.769	1	NO
228482	0.810	0.790	9.488	9.774	9.769	1	NO
228483	0.870	0.830	8.494	9.183	9.194	1	NO
228483	0.870	0.870	8.494	8.494	8.523	1	NO
228484	0.840	0.780	9.022	9.911	9.903	1	NO
228484	0.840	0.820	9.022	9.339	9.345	1	NO
228485	0.560	0.560	12.396	12.396	12.324	4	NO
228485	0.560	0.585	12.396	12.141	12.075	4	NO
228506	0.840	0.830	9.022	9.183	9.194	1	NO
228512	0.830	0.850	9.183	8.854	8.873	1	NO
228517	0.870	0.880	8.494	8.300	8.333	1	NO
228526	0.770	0.790	10.045	9.774	9.769	1	NO
228578	0.780	0.780	9.911	9.911	9.903	1	NO
228610	0.700	0.730	10.902	10.549	10.524	1	NO
228622	0.850	0.840	8.854	9.022	9.037	1	NO
228632	0.810	0.850	9.488	8.854	8.873	1	NO
228640	0.520	0.488	12.799	13.125	13.034	4	NO
228817	0.900	0.900	7.874	7.874	7.918	1	NO
228820	0.860	0.880	8.679	8.300	8.333	1	NO
228824	0.620	0.430	11.778	13.706	13.599	1	NO
228893	0.810	0.840	9.488	9.022	9.037	1	NO
228985	0.720	0.730	10.669	10.549	10.524	1	NO
228985	0.720	0.730	10.669	10.549	10.524	1	NO
228986	0.790	0.790	9.774	9.774	9.769	1	NO
228986	0.790	0.820	9.774	9.339	9.345	1	NO
228989	0.860	0.830	8.679	9.183	9.194	1	NO
228989	0.860	0.850	8.679	8.854	8.873	1	NO
228990	0.533	0.523	12.674	12.774	12.692	4	NO
228990	0.533	0.500	12.674	13.000	12.912	4	NO

Table A5: MCAS 2005–2006 Mathematics Grade 4

IREF	OLDP	NEWP	OLDDDELTA	NEWDELTA	LINE	MAX	DISCARD
221862	0.780	0.850	9.911	8.854	9.057	1	YES
221888	0.710	0.760	10.787	10.175	10.392	1	NO
221888	0.740	0.760	10.427	10.175	10.392	1	NO
221891	0.530	0.525	12.699	12.749	12.993	4	NO
221891	0.550	0.525	12.497	12.749	12.993	4	NO
221898	0.730	0.730	10.549	10.549	10.770	1	NO
221898	0.730	0.730	10.549	10.549	10.770	1	NO
221901	0.400	0.480	14.013	13.201	13.449	1	NO
221901	0.430	0.480	13.706	13.201	13.449	1	NO
221913	0.870	0.910	8.494	7.637	7.827	1	NO
221913	0.880	0.910	8.300	7.637	7.827	1	NO
221937	0.710	0.690	10.787	11.017	11.242	1	NO
221949	0.438	0.460	13.629	13.402	13.652	4	NO
221949	0.450	0.460	13.503	13.402	13.652	4	NO
221953	0.630	0.650	11.673	11.459	11.689	1	NO
221953	0.650	0.650	11.459	11.459	11.689	1	NO
221955	0.560	0.590	12.396	12.090	12.327	1	NO
221955	0.550	0.590	12.497	12.090	12.327	1	NO
221957	0.560	0.580	12.396	12.192	12.430	1	NO
221957	0.560	0.580	12.396	12.192	12.430	1	NO
221969	0.720	0.730	10.669	10.549	10.770	1	NO
221969	0.720	0.730	10.669	10.549	10.770	1	NO
221975	0.720	0.700	10.669	10.902	11.127	1	NO
221975	0.680	0.700	11.129	10.902	11.127	1	NO
221984	0.740	0.770	10.427	10.045	10.260	1	NO
222015	0.560	0.550	12.396	12.497	12.739	1	NO
222015	0.550	0.550	12.497	12.497	12.739	1	NO
222049	0.640	0.650	11.566	11.459	11.689	1	NO
222049	0.620	0.650	11.778	11.459	11.689	1	NO
222051	0.520	0.540	12.799	12.598	12.841	1	NO
222051	0.530	0.540	12.699	12.598	12.841	1	NO
222060	0.365	0.408	14.381	13.936	14.192	4	NO
222060	0.365	0.408	14.381	13.936	14.192	4	NO
222062	0.610	0.700	11.883	10.902	11.127	1	NO
222062	0.610	0.700	11.883	10.902	11.127	1	NO
222069	0.630	0.690	11.673	11.017	11.242	1	NO
222069	0.650	0.690	11.459	11.017	11.242	1	NO
222076	0.570	0.620	12.295	11.778	12.012	1	NO
222076	0.590	0.620	12.090	11.778	12.012	1	NO
222082	0.830	0.830	9.183	9.183	9.390	1	NO
222093	0.920	0.920	7.380	7.380	7.567	1	NO
222095	0.530	0.580	12.699	12.192	12.430	1	NO
222095	0.560	0.580	12.396	12.192	12.430	1	NO
222098	0.660	0.700	11.350	10.902	11.127	1	NO
222098	0.680	0.700	11.129	10.902	11.127	1	NO
222102	0.370	0.408	14.327	13.936	14.192	4	NO
222102	0.368	0.408	14.354	13.936	14.192	4	NO
222140	0.770	0.760	10.045	10.175	10.392	1	NO
222140	0.760	0.760	10.175	10.175	10.392	1	NO
222145	0.620	0.620	11.778	11.778	12.012	1	NO
222145	0.640	0.620	11.566	11.778	12.012	1	NO

(cont.)

Appendix A

Table A5: MCAS 2005–2006 Mathematics Grade 4 (cont.)

IREF	OLDP	NEWP	OLDDDELTA	NEWDELTA	LINE	MAX	DISCARD
222147	0.555	0.560	12.447	12.396	12.636	4	NO
222169	0.850	0.870	8.854	8.494	8.694	1	NO
222169	0.870	0.870	8.494	8.494	8.694	1	NO
222176	0.640	0.670	11.566	11.240	11.468	1	NO
222176	0.680	0.670	11.129	11.240	11.468	1	NO
222207	0.630	0.620	11.673	11.778	12.012	1	NO
222207	0.660	0.620	11.350	11.778	12.012	1	NO
226150	0.770	0.770	10.045	10.045	10.260	1	NO
227360	0.560	0.600	12.396	11.987	12.223	1	NO
227360	0.580	0.600	12.192	11.987	12.223	1	NO
228510	0.370	0.390	14.327	14.117	14.375	1	NO
228576	0.340	0.400	14.650	14.013	14.270	1	NO
228680	0.590	0.560	12.090	12.396	12.636	1	NO
228713	0.770	0.780	10.045	9.911	10.125	1	NO
228815	0.900	0.900	7.874	7.874	8.067	1	NO

Table A6: MCAS 2005–2006 Mathematics Grade 6

IREF	OLDP	NEWP	OLDDDELTA	NEWDELTA	LINE	MAX	DISCARD
226187	0.730	0.760	10.549	10.175	10.434	1	NO
226187	0.760	0.760	10.175	10.175	10.434	1	NO
226188	0.385	0.475	14.170	13.251	13.502	4	NO
226188	0.380	0.475	14.222	13.251	13.502	4	NO
226191	0.660	0.770	11.350	10.045	10.304	1	NO
226191	0.650	0.770	11.459	10.045	10.304	1	NO
227424	0.620	0.710	11.778	10.787	11.044	1	NO
227424	0.660	0.710	11.350	10.787	11.044	1	NO
227430	0.490	0.640	13.100	11.566	11.822	1	NO
227430	0.560	0.640	12.396	11.566	11.822	1	NO
227450	0.530	0.560	12.699	12.396	12.649	1	NO
227450	0.510	0.560	12.900	12.396	12.649	1	NO
227473	0.690	0.710	11.017	10.787	11.044	1	NO
227473	0.700	0.710	10.902	10.787	11.044	1	NO
227484	0.433	0.398	13.680	14.039	14.288	4	NO
227484	0.430	0.398	13.706	14.039	14.288	4	NO
227492	0.860	0.860	8.679	8.679	8.942	1	NO
227492	0.860	0.860	8.679	8.679	8.942	1	NO
227497	0.610	0.660	11.883	11.350	11.606	1	NO
227497	0.610	0.660	11.883	11.350	11.606	1	NO
227514	0.620	0.650	11.778	11.459	11.715	1	NO
227514	0.620	0.650	11.778	11.459	11.715	1	NO
227529	0.800	0.770	9.634	10.045	10.304	1	NO
227529	0.820	0.770	9.339	10.045	10.304	1	NO
227535	0.640	0.660	11.566	11.350	11.606	1	NO
227535	0.630	0.660	11.673	11.350	11.606	1	NO
227537	0.730	0.740	10.549	10.427	10.685	1	NO
227537	0.730	0.740	10.549	10.427	10.685	1	NO
227704	0.790	0.810	9.774	9.488	9.749	1	NO
227704	0.820	0.810	9.339	9.488	9.749	1	NO
227709	0.830	0.830	9.183	9.183	9.445	1	NO
227709	0.820	0.830	9.339	9.183	9.445	1	NO
227711	0.375	0.388	14.275	14.143	14.392	4	NO
227711	0.395	0.388	14.065	14.143	14.392	4	NO
227715	0.510	0.510	12.900	12.900	13.152	1	NO
227715	0.530	0.510	12.699	12.900	13.152	1	NO
227717	0.610	0.610	11.883	11.883	12.137	1	NO
227717	0.590	0.610	12.090	11.883	12.137	1	NO
227718	0.770	0.800	10.045	9.634	9.894	1	NO
227718	0.780	0.800	9.911	9.634	9.894	1	NO
227720	0.750	0.820	10.302	9.339	9.600	1	NO
227720	0.780	0.820	9.911	9.339	9.600	1	NO
227721	0.900	0.920	7.874	7.380	7.646	1	NO
227721	0.900	0.920	7.874	7.380	7.646	1	NO
227723	0.508	0.508	12.925	12.925	13.177	4	NO
227723	0.510	0.508	12.900	12.925	13.177	4	NO
227728	0.660	0.670	11.350	11.240	11.497	1	NO
227728	0.650	0.670	11.459	11.240	11.497	1	NO
227732	0.580	0.610	12.192	11.883	12.137	1	NO
227732	0.620	0.610	11.778	11.883	12.137	1	NO
227737	0.620	0.640	11.778	11.566	11.822	1	NO
227737	0.640	0.640	11.566	11.566	11.822	1	NO
227740	0.660	0.650	11.350	11.459	11.715	1	NO
227740	0.650	0.650	11.459	11.459	11.715	1	NO
227743	0.790	0.760	9.774	10.175	10.434	1	NO

(cont.)

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Table A6: MCAS 2005–2006 Mathematics Grade 6 (cont.)

IREF	OLDP	NEWP	OLDDDELTA	NEWDELTA	LINE	MAX	DISCARD
227743	0.780	0.760	9.911	10.175	10.434	1	NO
229039	0.730	0.860	10.549	8.679	8.942	1	YES
229744	0.740	0.740	10.427	10.427	10.685	1	NO
229823	0.700	0.690	10.902	11.017	11.274	1	NO
229832	0.770	0.810	10.045	9.488	9.749	1	NO
229874	0.790	0.780	9.774	9.911	10.171	1	NO
229881	0.650	0.680	11.459	11.129	11.386	1	NO
229889	0.760	0.770	10.175	10.045	10.304	1	NO
229915	0.770	0.790	10.045	9.774	10.035	1	NO
229924	0.750	0.750	10.302	10.302	10.561	1	NO
229927	0.750	0.750	10.302	10.302	10.561	1	NO
229936	0.670	0.678	11.240	11.157	11.414	4	NO

Table A7: MCAS 2005–2006 Mathematics Grade 8

IREF	OLDP	NEWP	OLDDDELTA	NEWDELTA	LINE	MAX	DISCARD
226912	0.440	0.460	13.604	13.402	13.620	1	NO
226913	0.655	0.698	11.405	10.931	11.011	4	NO
226913	0.660	0.698	11.350	10.931	11.011	4	NO
226927	0.580	0.600	12.192	11.987	12.126	1	NO
226933	0.430	0.450	13.706	13.503	13.727	1	NO
226934	0.483	0.498	13.176	13.025	13.223	4	NO
226934	0.493	0.498	13.075	13.025	13.223	4	NO
226936	0.720	0.750	10.669	10.302	10.347	1	NO
226966	0.480	0.520	13.201	12.799	12.984	1	NO
226976	0.730	0.770	10.549	10.045	10.075	1	NO
226984	0.710	0.710	10.787	10.787	10.858	1	NO
227750	0.300	0.330	15.098	14.760	15.054	1	NO
227753	0.510	0.540	12.900	12.598	12.772	1	NO
227787	0.340	0.390	14.650	14.117	14.376	1	NO
227797	0.910	0.900	7.637	7.874	7.783	1	NO
227801	0.560	0.570	12.396	12.295	12.451	1	NO
227803	0.850	0.860	8.854	8.679	8.633	1	NO
227807	0.570	0.560	12.295	12.396	12.558	1	NO
227808	0.550	0.600	12.497	11.987	12.126	1	NO
227809	0.440	0.430	13.604	13.706	13.941	1	NO
227810	0.555	0.568	12.447	12.320	12.478	4	NO
227811	0.460	0.460	13.402	13.402	13.620	1	NO
227812	0.320	0.370	14.871	14.327	14.598	1	NO
227813	0.760	0.750	10.175	10.302	10.347	1	NO
227814	0.640	0.670	11.566	11.240	11.338	1	NO
227815	0.590	0.635	12.090	11.620	11.738	4	NO
227817	0.830	0.770	9.183	10.045	10.075	1	YES
227819	0.590	0.600	12.090	11.987	12.126	1	NO
227820	0.270	0.310	15.451	14.983	15.291	1	NO
227822	0.278	0.280	15.361	15.331	15.658	4	NO
227825	0.550	0.530	12.497	12.699	12.878	1	NO
227830	0.500	0.560	13.000	12.396	12.558	1	NO
227832	0.570	0.590	12.295	12.090	12.235	1	NO
227833	0.850	0.850	8.854	8.854	8.818	1	NO
227834	0.650	0.590	11.459	12.090	12.235	1	NO
227836	0.330	0.330	14.760	14.760	15.054	1	NO
228714	0.490	0.520	13.100	12.799	12.984	1	NO
228775	0.510	0.510	12.900	12.900	13.090	1	NO
229596	0.440	0.470	13.604	13.301	13.514	1	NO
229610	0.670	0.660	11.240	11.350	11.454	1	NO

Appendix A

Table A8: MCAS 2005–2006 Mathematics Grade 10

IREF	OLDP	NEWP	OLDDDELTA	NEWDELTA	LINE	MAX	DISCARD
227855	0.340	0.350	14.650	14.541	14.572	1	NO
227855	0.340	0.350	14.650	14.541	14.572	1	NO
227865	0.360	0.390	14.434	14.117	14.157	1	NO
227865	0.360	0.390	14.434	14.117	14.157	1	NO
227869	0.570	0.620	12.295	11.778	11.867	1	NO
227869	0.570	0.650	12.295	11.459	11.554	1	NO
227872	0.670	0.690	11.240	11.017	11.121	1	NO
227872	0.670	0.690	11.240	11.017	11.121	1	NO
227875	0.510	0.510	12.900	12.900	12.965	1	NO
227875	0.510	0.540	12.900	12.598	12.670	1	NO
227879	0.450	0.450	13.503	13.503	13.555	1	NO
227879	0.450	0.430	13.503	13.706	13.754	1	NO
227880	0.380	0.350	14.222	14.541	14.572	1	NO
227880	0.380	0.380	14.222	14.222	14.259	1	NO
227886	0.340	0.340	14.650	14.650	14.678	1	NO
227886	0.340	0.350	14.650	14.541	14.572	1	NO
227887	0.390	0.390	14.117	14.117	14.157	1	NO
227887	0.390	0.400	14.117	14.013	14.055	1	NO
227888	0.510	0.540	12.900	12.598	12.670	1	NO
227888	0.510	0.520	12.900	12.799	12.866	1	NO
227890	0.370	0.370	14.327	14.327	14.362	1	NO
227890	0.370	0.370	14.327	14.327	14.362	1	NO
227892	0.400	0.410	14.013	13.910	13.954	4	NO
227892	0.400	0.395	14.013	14.065	14.106	4	NO
227902	0.540	0.480	12.598	13.201	13.259	1	NO
227902	0.540	0.480	12.598	13.201	13.259	1	NO
227903	0.290	0.350	15.214	14.541	14.572	1	NO
227903	0.290	0.340	15.214	14.650	14.678	1	NO
227905	0.300	0.290	15.098	15.214	15.230	1	NO
227905	0.300	0.280	15.098	15.331	15.345	1	NO
227906	0.690	0.670	11.017	11.240	11.340	1	NO
227906	0.690	0.660	11.017	11.350	11.448	1	NO
227915	0.500	0.560	13.000	12.396	12.472	1	NO
227915	0.500	0.550	13.000	12.497	12.571	1	NO
227917	0.328	0.328	14.787	14.787	14.813	4	NO
227917	0.328	0.323	14.787	14.843	14.867	4	NO
227918	0.360	0.360	14.434	14.434	14.467	1	NO
227918	0.360	0.370	14.434	14.327	14.362	1	NO
227925	0.620	0.590	11.778	12.090	12.172	1	NO
227925	0.620	0.600	11.778	11.987	12.071	1	NO
227929	0.390	0.350	14.117	14.541	14.572	1	NO
227929	0.390	0.380	14.117	14.222	14.259	1	NO
227936	0.580	0.560	12.192	12.396	12.472	1	NO
227936	0.580	0.570	12.192	12.295	12.372	1	NO
227938	0.770	0.680	10.045	11.129	11.231	1	YES
227938	0.770	0.670	10.045	11.240	11.340	1	YES
227950	0.540	0.530	12.598	12.699	12.768	1	NO
227950	0.540	0.530	12.598	12.699	12.768	1	NO
227951	0.470	0.450	13.301	13.503	13.555	1	NO
227951	0.470	0.450	13.301	13.503	13.555	1	NO
227952	0.500	0.530	13.000	12.699	12.768	1	NO
227952	0.500	0.530	13.000	12.699	12.768	1	NO
227955	0.370	0.380	14.327	14.222	14.259	1	NO
227955	0.370	0.370	14.327	14.327	14.362	1	NO
227957	0.590	0.620	12.090	11.778	11.867	1	NO

(cont.)

Table A8: MCAS 2005–2006 Mathematics Grade 10 (cont.)

IREF	OLDP	NEWP	OLDDDELTA	NEWDELTA	LINE	MAX	DISCARD
227957	0.590	0.610	12.090	11.883	11.969	1	NO
227958	0.445	0.455	13.553	13.452	13.505	4	NO
227958	0.445	0.458	13.553	13.427	13.481	4	NO
228023	0.530	0.530	12.699	12.699	12.768	1	NO
228023	0.530	0.590	12.699	12.090	12.172	1	NO
228044	0.410	0.350	13.910	14.541	14.572	1	NO
228044	0.410	0.360	13.910	14.434	14.467	1	NO
229521	0.620	0.680	11.778	11.129	11.231	1	NO
229537	0.510	0.515	12.900	12.850	12.916	4	NO
229544	0.735	0.715	10.488	10.728	10.839	4	NO
229564	0.428	0.388	13.731	14.143	14.182	4	NO
229564	0.428	0.423	13.731	13.782	13.828	4	NO
229600	0.770	0.780	10.045	9.911	10.039	1	NO
229601	0.700	0.700	10.902	10.902	11.009	1	NO
229617	0.560	0.550	12.396	12.497	12.571	1	NO
229618	0.678	0.710	11.157	10.787	10.896	4	NO
229618	0.678	0.725	11.157	10.609	10.722	4	NO
229625	0.540	0.530	12.598	12.699	12.768	1	NO
229625	0.540	0.530	12.598	12.699	12.768	1	NO
229630	0.600	0.610	11.987	11.883	11.969	1	NO
229640	0.740	0.780	10.427	9.911	10.039	1	NO
229645	0.530	0.538	12.699	12.624	12.694	4	NO
229645	0.530	0.545	12.699	12.548	12.620	4	NO
229658	0.480	0.430	13.201	13.706	13.754	1	NO
229663	0.580	0.540	12.192	12.598	12.670	1	NO
229671	0.498	0.540	13.025	12.598	12.670	4	NO
229675	0.780	0.770	9.911	10.045	10.170	1	NO
229675	0.780	0.810	9.911	9.488	9.625	1	NO
229676	0.460	0.470	13.402	13.301	13.358	1	NO
229676	0.460	0.460	13.402	13.402	13.456	1	NO
229688	0.880	0.860	8.300	8.679	8.833	1	NO
229708	0.510	0.550	12.900	12.497	12.571	1	NO
229720	0.540	0.490	12.598	13.100	13.161	1	NO
229728	0.490	0.510	13.100	12.900	12.965	1	NO
229736	0.460	0.420	13.402	13.808	13.853	1	NO
229736	0.460	0.420	13.402	13.808	13.853	1	NO
229740	0.390	0.370	14.117	14.327	14.362	1	NO
229740	0.390	0.380	14.117	14.222	14.259	1	NO
229741	0.650	0.620	11.459	11.778	11.867	1	NO
229747	0.520	0.530	12.799	12.699	12.768	1	NO
229766	0.720	0.730	10.669	10.549	10.663	1	NO
229773	0.560	0.560	12.396	12.396	12.472	1	NO
229787	0.780	0.770	9.911	10.045	10.170	1	NO
229800	0.780	0.790	9.911	9.774	9.905	1	NO
229802	0.860	0.880	8.679	8.300	8.462	1	NO
229854	0.860	0.870	8.679	8.494	8.652	1	NO
229895	0.860	0.860	8.679	8.679	8.833	1	NO
229922	0.580	0.560	12.192	12.396	12.472	1	NO
229932	0.430	0.470	13.706	13.301	13.358	1	NO
229932	0.430	0.500	13.706	13.000	13.063	1	NO
229938	0.850	0.830	8.854	9.183	9.327	1	NO
229952	0.510	0.530	12.900	12.699	12.768	1	NO
229954	0.590	0.590	12.090	12.090	12.172	1	NO
229964	0.650	0.630	11.459	11.673	11.763	1	NO
229964	0.650	0.630	11.459	11.673	11.763	1	NO

(cont.)

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Table A8: MCAS 2005–2006 Mathematics Grade 10 (cont.)

IREF	OLDP	NEWP	OLDDDELTA	NEWDELTA	LINE	MAX	DISCARD
229974	0.930	0.930	7.097	7.097	7.284	1	NO
229977	0.740	0.750	10.427	10.302	10.422	1	NO
229989	0.398	0.548	14.039	12.523	12.596	4	YES
229998	0.520	0.650	12.799	11.459	11.554	1	YES
230007	0.770	0.810	10.045	9.488	9.625	1	NO
230009	0.650	0.690	11.459	11.017	11.121	1	NO
230036	0.470	0.510	13.301	12.900	12.965	1	NO
230072	0.330	0.370	14.760	14.327	14.362	1	NO
230072	0.330	0.380	14.760	14.222	14.259	1	NO
254639	0.610	0.630	11.883	11.673	11.763	1	NO
254640	0.620	0.640	11.778	11.566	11.659	1	NO
254642	0.420	0.430	13.808	13.706	13.754	1	NO
254643	0.710	0.740	10.787	10.427	10.544	4	NO
254644	0.448	0.510	13.528	12.900	12.965	4	NO
254645	0.900	0.950	7.874	6.421	6.622	1	YES
254646	0.730	0.730	10.549	10.549	10.663	1	NO

Table A9: MCAS 2005–2006 Science and Technology/Engineering Grade 5

IREF	OLDP	NEWP	OLDDelta	NEWDelta	LINE	MAX	DISCARD
227352	0.610	0.710	11.883	10.787	10.688	1	NO
227352	0.620	0.710	11.778	10.787	10.688	1	NO
227356	0.530	0.500	12.699	13.000	13.038	1	NO
227356	0.550	0.500	12.497	13.000	13.038	1	NO
227421	0.900	0.860	7.874	8.679	8.451	1	NO
227421	0.910	0.860	7.637	8.679	8.451	1	NO
227816	0.720	0.730	10.669	10.549	10.436	1	NO
227816	0.730	0.730	10.549	10.549	10.436	1	NO
227823	0.510	0.590	12.900	12.090	12.072	1	NO
227823	0.560	0.590	12.396	12.090	12.072	1	NO
227828	0.620	0.600	11.778	11.987	11.962	4	NO
227828	0.618	0.600	11.804	11.987	11.962	4	NO
227831	0.810	0.800	9.488	9.634	9.464	1	NO
227831	0.810	0.800	9.488	9.634	9.464	1	NO
227837	0.700	0.710	10.902	10.787	10.688	1	NO
227837	0.720	0.710	10.669	10.787	10.688	1	NO
227838	0.860	0.790	8.679	9.774	9.614	1	NO
227838	0.850	0.790	8.854	9.774	9.614	1	NO
227839	0.770	0.770	10.045	10.045	9.901	1	NO
227839	0.780	0.770	9.911	10.045	9.901	1	NO
227840	0.750	0.730	10.302	10.549	10.436	1	NO
227840	0.770	0.730	10.045	10.549	10.436	1	NO
227841	0.800	0.860	9.634	8.679	8.451	1	NO
227841	0.820	0.860	9.339	8.679	8.451	1	NO
227842	0.750	0.780	10.302	9.911	9.759	1	NO
227842	0.750	0.780	10.302	9.911	9.759	1	NO
227843	0.453	0.475	13.477	13.251	13.304	4	NO
227843	0.470	0.475	13.301	13.251	13.304	4	NO
227848	0.540	0.560	12.598	12.396	12.397	1	NO
227848	0.540	0.560	12.598	12.396	12.397	1	NO
227852	0.710	0.690	10.787	11.017	10.933	1	NO
227852	0.710	0.690	10.787	11.017	10.933	1	NO
227854	0.485	0.473	13.150	13.276	13.331	4	NO
227854	0.493	0.473	13.075	13.276	13.331	4	NO
227856	0.650	0.640	11.459	11.566	11.516	1	NO
227856	0.660	0.640	11.350	11.566	11.516	1	NO
227858	0.680	0.680	11.129	11.129	11.052	1	NO
227858	0.700	0.680	10.902	11.129	11.052	1	NO
227859	0.840	0.850	9.022	8.854	8.637	1	NO
227859	0.860	0.850	8.679	8.854	8.637	1	NO
227861	0.810	0.790	9.488	9.774	9.614	1	NO
227861	0.820	0.790	9.339	9.774	9.614	1	NO
227863	0.600	0.550	11.987	12.497	12.504	1	NO
227863	0.610	0.550	11.883	12.497	12.504	1	NO
227866	0.770	0.770	10.045	10.045	9.901	1	NO
227866	0.760	0.770	10.175	10.045	9.901	1	NO
227877	0.750	0.720	10.302	10.669	10.563	1	NO
227877	0.730	0.720	10.549	10.669	10.563	1	NO
227883	0.830	0.800	9.183	9.634	9.464	1	NO
227883	0.840	0.800	9.022	9.634	9.464	1	NO
228993	0.540	0.560	12.598	12.396	12.397	1	NO
229048	0.780	0.720	9.911	10.669	10.563	1	NO
229060	0.440	0.495	13.604	13.050	13.091	4	NO
229097	0.620	0.540	11.778	12.598	12.612	1	NO
229126	0.710	0.730	10.787	10.549	10.436	1	NO

(cont.)

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Table A9: MCAS 2005–2006 Science and Technology/Engineering Grade 5 (cont.)

IREF	OLDP	NEWP	OLDDDELTA	NEWDELTA	LINE	MAX	DISCARD
229139	0.500	0.510	13.000	12.900	12.932	1	NO
229157	0.870	0.890	8.494	8.094	7.830	1	NO
229266	0.720	0.720	10.669	10.669	10.563	1	NO
229272	0.665	0.605	11.295	11.935	11.907	4	NO
229312	0.470	0.470	13.301	13.301	13.358	1	NO
229326	0.930	0.920	7.097	7.380	7.072	1	NO
229341	0.750	0.730	10.302	10.549	10.436	1	NO

Table A10: MCAS 2005–2006 Science and Technology/Engineering Grade 8

IREF	OLDP	NEWP	OLDDDELTA	NEWDELTA	LINE	MAX	DISCARD
226407	0.790	0.830	9.774	9.183	9.431	1	NO
226407	0.810	0.830	9.488	9.183	9.431	1	NO
226410	0.610	0.680	11.883	11.129	11.259	1	NO
226410	0.640	0.680	11.566	11.129	11.259	1	NO
226420	0.750	0.790	10.302	9.774	9.986	1	NO
226420	0.780	0.790	9.911	9.774	9.986	1	NO
227899	0.580	0.600	12.192	11.987	12.065	1	NO
227899	0.600	0.600	11.987	11.987	12.065	1	NO
227910	0.740	0.760	10.427	10.175	10.362	1	NO
227910	0.770	0.760	10.045	10.175	10.362	1	NO
227911	0.420	0.463	13.808	13.377	13.372	4	NO
227911	0.448	0.463	13.528	13.377	13.372	4	NO
227927	0.660	0.680	11.350	11.129	11.259	1	NO
227927	0.650	0.680	11.459	11.129	11.259	1	NO
227935	0.530	0.650	12.699	11.459	11.569	1	NO
227935	0.550	0.650	12.497	11.459	11.569	1	NO
227940	0.660	0.700	11.350	10.902	11.046	1	NO
227940	0.690	0.700	11.017	10.902	11.046	1	NO
227942	0.640	0.550	11.566	12.497	12.545	1	NO
227942	0.650	0.550	11.459	12.497	12.545	1	NO
227944	0.770	0.760	10.045	10.175	10.362	1	NO
227944	0.780	0.760	9.911	10.175	10.362	1	NO
227949	0.670	0.690	11.240	11.017	11.154	1	NO
227949	0.650	0.690	11.459	11.017	11.154	1	NO
227954	0.403	0.408	13.988	13.936	13.897	4	NO
227954	0.403	0.408	13.988	13.936	13.897	4	NO
227959	0.760	0.690	10.175	11.017	11.154	1	NO
227959	0.770	0.690	10.045	11.017	11.154	1	NO
227961	0.710	0.730	10.787	10.549	10.714	1	NO
227961	0.730	0.730	10.549	10.549	10.714	1	NO
227963	0.500	0.520	13.000	12.799	12.829	1	NO
227963	0.510	0.520	12.900	12.799	12.829	1	NO
227965	0.743	0.803	10.396	9.598	9.820	4	NO
227965	0.718	0.803	10.698	9.598	9.820	4	NO
227971	0.640	0.670	11.566	11.240	11.364	1	NO
227971	0.680	0.670	11.129	11.240	11.364	1	NO
227973	0.590	0.560	12.090	12.396	12.450	1	NO
227973	0.610	0.560	11.883	12.396	12.450	1	NO
227980	0.710	0.700	10.787	10.902	11.046	1	NO
227980	0.720	0.700	10.669	10.902	11.046	1	NO
227981	0.620	0.650	11.778	11.459	11.569	1	NO
227981	0.640	0.650	11.566	11.459	11.569	1	NO
227985	0.550	0.520	12.497	12.799	12.829	1	NO
227985	0.550	0.520	12.497	12.799	12.829	1	NO
227986	0.610	0.630	11.883	11.673	11.770	1	NO
227986	0.620	0.630	11.778	11.673	11.770	1	NO
227989	0.710	0.760	10.787	10.175	10.362	1	NO
227989	0.730	0.760	10.549	10.175	10.362	1	NO
227993	0.860	0.870	8.679	8.494	8.783	1	NO
227993	0.870	0.870	8.494	8.494	8.783	1	NO
229349	0.680	0.710	11.129	10.787	10.937	1	NO
229360	0.750	0.760	10.302	10.175	10.362	1	NO
229370	0.620	0.640	11.778	11.566	11.670	1	NO
229371	0.670	0.640	11.240	11.566	11.670	1	NO
229382	0.740	0.750	10.427	10.302	10.482	1	NO

(cont.)

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Table A10: MCAS 2005–2006 Science and Technology/Engineering Grade 8 (cont.)

IREF	OLDP	NEWP	OLDDDELTA	NEWDELTA	LINE	MAX	DISCARD
229393	0.340	0.250	14.650	15.698	15.553	1	NO
229401	0.800	0.800	9.634	9.634	9.854	1	NO
229437	0.640	0.670	11.566	11.240	11.364	1	NO
229451	0.690	0.730	11.017	10.549	10.714	1	NO
229454	0.800	0.820	9.634	9.339	9.577	1	NO
229455	0.605	0.570	11.935	12.295	12.355	4	NO
229478	0.400	0.480	14.013	13.201	13.206	4	NO
229491	0.700	0.740	10.902	10.427	10.599	1	NO