

Alignment of the SAT Practice Test 4 to the DE Standards--Math

Form	Test	Portion	Position	Item Content*	Item Rigor	P-value	DE Standard(s)
Practice Test 4	Math	Math-No Calculator	1	HOA	Fluency	0.69	A-REI.B.3, 8-EE.C.7
Practice Test 4	Math	Math-No Calculator	2	HOA	Conceptual Understanding	0.59	F-IF.A.2
Practice Test 4	Math	Math-No Calculator	3	HOA	Fluency	0.81	A-REI.C.6, 8-EE.C.8
Practice Test 4	Math	Math-No Calculator	4	PAM	Fluency	0.76	F-IF.A.2
Practice Test 4	Math	Math-No Calculator	5	PAM	Fluency	0.70	A-APR.A.1
Practice Test 4	Math	Math-No Calculator	6	PAM	Fluency	0.59	A-CED.A.4
Practice Test 4	Math	Math-No Calculator	7	HOA	Application	0.56	F-LE.B.5
Practice Test 4	Math	Math-No Calculator	8	HOA	Conceptual Understanding	0.44	A-REI.D.12
Practice Test 4	Math	Math-No Calculator	9	PAM	Fluency	0.43	A-REI.A.2
Practice Test 4	Math	Math-No Calculator	10	PAM	Fluency	0.42	A-REI.A.2
Practice Test 4	Math	Math-No Calculator	11	PAM	Fluency	0.40	A-REI.C.7
Practice Test 4	Math	Math-No Calculator	12	HOA	Application	0.32	A-CED.A.1
Practice Test 4	Math	Math-No Calculator	13	PAM	Conceptual Understanding	0.28	F-LE.A.1
Practice Test 4	Math	Math-No Calculator	14	ATM	Fluency	0.21	N-CN.A.2, N-CN.A.1
Practice Test 4	Math	Math-No Calculator	15	PAM	Fluency	0.06	A-REI.B.4b
Practice Test 4	Math	Math-No Calculator	16	ATM	Conceptual Understanding	0.62	G-SRT.B.5
Practice Test 4	Math	Math-No Calculator	17	ATM	Conceptual Understanding	0.38	G-SRT.C.7
Practice Test 4	Math	Math-No Calculator	18	PAM	Fluency	0.29	A-SSE.A.2
Practice Test 4	Math	Math-No Calculator	19	HOA	Fluency	0.26	A-REI.C.6, 8-EE.C.8
Practice Test 4	Math	Math-No Calculator	20	HOA	Fluency	0.13	A-CED.A.1, A-REI.B.3, 8-EE.C.7
Practice Test 4	Math	Math-Calculator	1	HOA	Application	0.92	A-CED.A.1, A-REI.B.3, 8-EE.C.7
Practice Test 4	Math	Math-Calculator	2	HOA	Application	0.93	F-BF.A.1
Practice Test 4	Math	Math-Calculator	3	PSD	Application	0.80	N-Q.A.1, 6-RP.A.3d
Practice Test 4	Math	Math-Calculator	4	PSD	Application	0.77	Modeling, 6-RP.A.3c, 7-RP.A.3
Practice Test 4	Math	Math-Calculator	5	PSD	Application	0.70	Modeling, 6-RP.A.3b, 7-RP.A.1
Practice Test 4	Math	Math-Calculator	6	HOA	Application	0.67	A-CED.A.3, A-REI.C.6, 8-EE.C.8
Practice Test 4	Math	Math-Calculator	7	PSD	Application	0.66	S-ID.B.5
Practice Test 4	Math	Math-Calculator	8	HOA	Conceptual Understanding	0.58	F-IF.C.7a
Practice Test 4	Math	Math-Calculator	9	PSD	Application	0.53	S-CP.A.4
Practice Test 4	Math	Math-Calculator	10	PSD	Application	0.88	S-IC.B.6
Practice Test 4	Math	Math-Calculator	11	PSD	Application	0.17	Modeling, 6-RP.A.3b, 7-RP.A.1
Practice Test 4	Math	Math-Calculator	12	PAM	Conceptual Understanding	0.43	A-APR.B.3
Practice Test 4	Math	Math-Calculator	13	PSD	Application	0.43	F-LE.A.1

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Form	Test	Portion	Position	Item Content*	Item Rigor	P-value	DE Standard(s)
Practice Test 4	Math	Math-Calculator	14	PSD	Application	0.37	A-SSE.B.3c
Practice Test 4	Math	Math-Calculator	15	PSD	Application	0.36	F-LE.A.1
Practice Test 4	Math	Math-Calculator	16	HOA	Application	0.48	A-CED.A.1
Practice Test 4	Math	Math-Calculator	17	HOA	Conceptual Understanding	0.32	F-IF.B.4
Practice Test 4	Math	Math-Calculator	18	ATM	Application	0.33	G-GMD.A.3, 8.G.9
Practice Test 4	Math	Math-Calculator	19	HOA	Fluency	0.31	A-REI.B.3, 8-EE.C.7
Practice Test 4	Math	Math-Calculator	20	PSD	Application	0.31	S-IC.B.6
Practice Test 4	Math	Math-Calculator	21	PSD	Application	0.17	S-ID.B.6a
Practice Test 4	Math	Math-Calculator	22	PSD	Application	0.41	Modeling, 6-RP.A.3c, 7-RP.A.3
Practice Test 4	Math	Math-Calculator	23	PSD	Application	0.24	S-ID.A.2
Practice Test 4	Math	Math-Calculator	24	ATM	Fluency	0.23	G-C.A.2
Practice Test 4	Math	Math-Calculator	25	PAM	Fluency	0.24	A-APR.A.1, F-BF.A.1
Practice Test 4	Math	Math-Calculator	26	HOA	Conceptual Understanding	0.21	Modeling, 7-NS.A.1
Practice Test 4	Math	Math-Calculator	27	PSD	Conceptual Understanding	0.26	A-SSE.A.1a
Practice Test 4	Math	Math-Calculator	28	PAM	Application	0.13	A-SSE.B.3b
Practice Test 4	Math	Math-Calculator	29	HOA	Fluency	0.12	A-CED.A.1
Practice Test 4	Math	Math-Calculator	30	PAM	Conceptual Understanding	0.09	F-IF.C.7c
Practice Test 4	Math	Math-Calculator	31	PSD	Application	0.48	Modeling, 6-RP.A.3b, 7-RP.A.1
Practice Test 4	Math	Math-Calculator	32	HOA	Conceptual Understanding	0.47	A-SSE.A.1a, A-REI.B.3
Practice Test 4	Math	Math-Calculator	33	PSD	Application	0.36	N-Q.A.1, 6-RP.A.3d
Practice Test 4	Math	Math-Calculator	34	HOA	Application	0.09	A-CED.A.3, A-REI.C.6, 8-EE.C.8
Practice Test 4	Math	Math-Calculator	35	PAM	Application	0.06	A-SSE.A.1b
Practice Test 4	Math	Math-Calculator	36	ATM	Fluency	0.04	G-C.A.2
Practice Test 4	Math	Math-Calculator	37	PAM	Application	0.13	F-BF.A.1
Practice Test 4	Math	Math-Calculator	38	PAM	Application	0.13	Modeling, 6-RP.A.3c, 7-RP.A.3

*Legend:

HOA: Heart of Algebra

PSD: Problem Solving and Data Analysis

PAM: Passport to Advanced Math

ATM: Additional Topics in Math