

CAHSEE October 2007 Administration

- Table 1: CAHSEE Conditional Standard Errors of Measurement (CSEMs):
 - (CSEM at the passing score for English-Language Arts was 9 points.)
 - (CSEM at the passing score for Mathematics was 8 points.)

- Table 2: CAHSEE Raw Score to Scale Score Conversions:
 ELA Passing Score 350

- Table 3: CAHSEE Raw Score to Scale Score Conversions:
 Mathematics Passing Score 351

- Table 4: Average Percent Correct at Passing: ELA
 - Question Weight for ELA:MC (72 x 1.00) + CR (4 x 4.50) = 90 Total Raw Score Points

- Table 5: Average Percent Correct at Passing: Mathematics

Table 1: CAHSEE CSEMs October 2007			
ELA Scale Score	CSEM	Math Scale Score	CSEM
450	23	450	19
440	17	440	16
430	17	430	14
420	15	420	12
410	14	410	11
400	12	400	10
390	11	390	9
380	10	380	9
370	10	370	8
360	9	360	8
350	9	350	8
340	9	340	8
330	9	330	8
320	9	320	8
310	9	310	8
300	9	300	9
290	10	290	10
280	11	280	11
275	11	275	12

**Table 2: CAHSEE Raw Score to Scale Score Conversions
ELA, October 2007**

Raw Score	Scale Score	Raw Score	Scale Score
90	450	44	326
89	450	43	324
88	450	42	323
87	450	41	321
86	450	40	319
85	444	39	317
84	438	38	315
83	432	37	313
82	426	36	311
81	421	35	309
80	417	34	308
79	412	33	306
78	408	32	304
77	405(Advanced)	31	302
76	401	30	300
75	398	29	298
74	395	28	296
73	391	27	294
72	388	26	292
71	386	25	290
70	383	24	288
69	380 (Proficient)	23	286
68	377	22	284
67	375	21	282
66	372	20	280
65	370	19	278
64	368	18	276
63	365	17	275
62	363	16	275
61	361	15	275
60	359	14	275
59	356	13	275
58	354	12	275
57	352	11	275
56	350 (Pass)	10	275
55	348	9	275
54	346	8	275
53	344	7	275
52	342	6	275
51	340	5	275
50	338	4	275
49	336	3	275
48	334	2	275
47	332	1	275
46	330	0	275
45	328		

**Table 3: CAHSEE Raw Score to Scale Score Conversions
Mathematics, October 2007**

Raw Score	Scale Score	Raw Score	Scale Score
80	450	39	342
79	450	38	340
78	450	37	338
77	450	36	337
76	445	35	335
75	437	34	333
74	431	33	331
73	425(Advanced)	32	329
72	420	31	328
71	416	30	326
70	412	29	324
69	408	28	322
68	404	27	320
67	401	26	318
66	398	25	316
65	395	24	314
64	392	23	312
63	390	22	310
62	387	21	307
61	385	20	305
60	382	19	303
59	380 (Proficient)	18	300
58	378	17	298
57	376	16	295
56	374	15	292
55	372	14	289
54	370	13	286
53	368	12	283
52	366	11	280
51	364	10	276
50	362	9	275
49	360	8	275
48	358	7	275
47	356	6	275
46	355	5	275
45	353	4	275
44	351 (Pass)	3	275
43	349	2	275
42	347	1	275
41	346	0	275
40	344		

**Table 4: Number of Test Questions per Strand and Average Percent Corrects at Passing¹, October 2007 Administration
ELA**

	Number of Items	SEM (Based on raw Score)	Average % Correct at Passing
Word Analysis	7	1.13	64%
Reading Comprehension	18	1.86	68%
Literary Responses and Analysis	20	1.98	69%
Writing Conventions	15	1.71	65%
Writing Strategies	12	1.57	52%
Writing Applications (Essay)	1	2.31	
Total (Multiple-Choice Questions)	72	3.76	
Composite (Multiple-Choice + Essay)	73	4.41	

**Table 5: Number of Test Questions per Strand and Average Percent Corrects at Passing¹, October 2007 Administration
Mathematics**

	Number of Items	SEM (Based on raw Score)	Average % Correct at Passing
Number Sense	17	1.87	58%
Algebra and Functions	20	2.08	56%
Measurement and Geometry	18	1.89	50%
Probability and Statistics	13	1.61	63%
Algebra 1	12	1.59	48%
Total	80	4.09	

¹ Average Percent Correct at passing for each strand are calculated based only on those students whose scale score was 350 for ELA and 351 for mathematics.