

Test Item Correlation to Basic Skills Content Standards

Date

Test item number
 Mark + if correct, - if incorrect
 CASAS competencies addressed ▶

Test item number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1.1.3, 6.7.2																																	
1.1.3, 6.7.2																																	
1.3.4, 6.0.2																																	
1.3.4, 1.1.4, 6.6.1, 6.0.2																																	
1.1.5, 6.6.4, 6.7.5																																	
2.3.1, 6.6.6																																	
4.4.3, 4.5.1, 6.6.4																																	
3.3.2, 6.1.3, 1.1.2																																	
3.3.2, 6.1.3, 1.1.2																																	
4.2.1, 6.2.1																																	
4.2.1, 6.2.2																																	
1.8.2, 6.2.5																																	
1.8.1, 6.2.2																																	
4.1.3, 6.4.1																																	
4.1.3, 6.2.4																																	
1.1.4, 6.6.5, 6.6.2																																	
5.4.1, 6.2.1																																	
4.2.1, 6.6.6																																	
4.2.1, 6.2.3																																	
4.2.1, 6.6.6																																	
3.2.3, 6.4.1																																	
3.2.3, 6.4.3																																	
4.4.3, 6.7.1																																	
4.4.3, 6.7.1																																	
4.1.8, 4.1.3, 6.7.4, 6.1.2																																	
4.1.8, 4.1.3, 6.7.4, 6.1.2																																	
4.2.1, 6.1.4, 6.2.3																																	
4.2.1, 6.2.3																																	
1.2.2, 6.4.1																																	
1.2.2, 6.4.1																																	
1.1.4, 6.6.5, 6.6.1, 6.6.3																																	

TO USE AS A CHECKLIST:

1. Review test results. At top, mark items + or - .
2. Highlight dots for items answered correctly or incorrectly, depending on overall test performance.
3. At left, check standards frequently missed to target in instruction. Compare to total* times standard appears.
 (Use Competency Matrix to assess performance by competency.)

Total*	Content Standard	Task ▶	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1	M1.2.25 square numbers to 12																																	
10	M1.4.7 add, subtract, multiply and divide decimals											•	•	•	•	•	•		•		•									•	•			
14	M1.4.16 calculate with money amounts											•	•	•	•	•	•		•		•									•	•	•	•	
1	M1.5.3 compute mentally 10% and 1% of an amount																							•										
3	M1.5.6 find benchmark percents of numbers to 1000 (e.g., 10%, 25%, 50%)																							•								•	•	
4	M1.5.7 find a given percent of a number																							•							•	•		
1	M1.5.9 calculate percents to one or two decimal places																								•									
5	M1.5.12 apply percents to money, measurement, and other contextual situations																							•	•							•	•	
19	M1.7.1 analyze a math-related situation or problem, identifying the mathematical question that needs to be answered, the most appropriate methods, procedures, algorithms and operations to apply, and the relevant and irrelevant information										•	•	•	•	•	•	•		•	•	•	•	•	•			•	•	•	•	•	•		
18	M1.7.2 perform operations efficiently and correctly										•	•	•	•	•	•	•		•	•	•	•	•				•	•	•	•	•	•		
1	M3.3.4 interpret diagrams (e.g., floor plan, blueprint)																																	•
1	M4.1.1 read time from a clock, analog and digital											•																						
2	M4.1.2 read and record time of day in 12-hour format																								•		•							
3	M4.1.7 calculate with units of time: hours, minutes, seconds																								•		•							
1	M4.1.8 convert and calculate with units of time: hours, days, weeks, months, years																																	•
1	M4.5.2 read temperatures																																	•

Task: 0 General; 1 Forms; 2 Charts, maps, consumer billings, matrices, graphs, tables; 3 Articles, paragraphs, sentences, directions, manuals; 4 Signs, price tags, advertisements, product labels; 5 Measurement scales, diagrams; 6 Oral cue.

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			<i>Mark + if correct, – if incorrect</i>																																	
1	M4.6.1	know customary US units of weight and equivalents: pounds, ounces, tons					•																													
1	M4.6.3	convert weight units: pounds, ounces, etc.					•																													
1	M4.6.5	calculate with pounds, ounces, etc.					•																													
2	M4.6.9	calculate with metric units of weight									•	•																								
1	M4.8.1	know customary US units of linear measurement and equivalents: inches, feet, yards																																		•
1	M4.9.2	calculate perimeter of rectangles and other common figures																																		
1	M4.9.6	calculate area or volume of irregular or composite shapes by dividing the figure into parts																																		•
1	M4.11.5	read a thermometer						•																												
1	M4.11.6	read analog and other types of scales, meters and gauges, including various types of units and calibrations									•																									
14	M5.1.1	identify, count and extract data in lists, tables and charts				•	•							•	•	•	•				•	•	•	•	•	•					•	•				
4	M5.1.3	compare and extract information from bar graphs, block graphs and circle graphs	•	•																																
2	M5.1.4	extract information from line graphs																									•	•								
1	M5.1.6	compare information from multiple plottings on the same plane																																		
1	M5.2.4	find the mean and range for a data set						•																												

FOR INSTRUCTOR USE ONLY

Summary of CASAS competencies covered on Form 16M										Number in parentheses shows the number of test items addressing the competency, if more than one.																											
1.1.2 (2)	1.8.1	2.3.1	3.2.3 (2)	4.1.3 (4)	5.4.1	6.0.2 (2)	6.2.3 (3)	6.6.2	6.7.2 (2)	1.1.3 (2)	1.8.2	3.3.2 (2)	4.1.8 (2)	6.1.2 (2)	6.2.4	6.6.3	6.7.4 (2)	1.1.4 (3)	4.2.1 (7)	6.1.3 (2)	6.2.5	6.6.4 (2)	6.7.5	1.1.5	4.4.3 (3)	6.1.4	6.4.1 (4)	6.6.5 (2)	1.2.2 (2)	4.5.1	6.2.1 (2)	6.4.3	6.6.6 (3)	1.3.4 (2)	6.2.2 (2)	6.6.1 (2)	6.7.1 (2)
<i>Refer to Competency Matrix for detailed information on competency coverage.</i>																																					