Basic Skills Content Standards by Test Item - Form 031M

CASAS Competencies for each item

Content Standards	Competency																							
	2.3.1	1.1.6, 2.2.4, 6.0.2, 6.2.1	6.1.1	6.1.2	6.1.3	6.1.4	1.1.4, 6.6.4	2.3.2, 6.0.1, 6.0.2	1.1.6, 1.3.6, 6.0.2, 6.2.1	2.3.2, 6.0.2	2.3.1, 6.6.6	1.1.6, 1.3.6, 6.0.2, 6.2.1	1.1.6, 6.0.2, 6.2.1	1.9.3, 2.2.1, 6.7.2	1.9.3, 2.2.1, 6.7.2	1.1.6, 6.0.2	1.1.6, 6.2.3	1.1.6, 6.2.2	2.6.1, 6.1.3	2.2.5, 6.1.1, 6.6.5	1.1.4, 1.1.7, 6.1.4, 6.1.5, 6.6.1	1.1.4, 1.1.7, 6.1.4, 6.1.5, 6.6.1	1.1.6, 4.2.1, 6.0.2	1.1.6, 4.2.1, 6.0.2
Task #	5	4	0	0	0	0	5	2	4	2	5	5	4	2	2	3	3	3	0	2	5	5	2	2
Item #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
M1 Number sense																								
M1.1.5 Understand the decimal place value system: read, write, order and compare whole and decimal numbers (e.g., 0.13 > 0.013 because 13/100 > 13/1000)																•								
M1.2.1 Mentally add and subtract positive whole numbers less than 20															•									
M1.2.2 Add and subtract positive multi-digit numbers, including decimal numbers	•	•	•				•		•															
M1.2.3 Recognize when a problem situation requires addition or subtraction with multi-digit positive integers and decimal numbers, carry out the computation and interpret the answer in context																				•				
M1.3.2 Know multiplication facts for integers through 12 and recognize their perfect squares						•																		
M1.3.6 Recognize when a problem situation requires multiplying and/or dividing with multi-digit positive integers and decimal numbers, carry out the computation accurately and interpret the answer in context						•	•										•	•						
M1.3.7 Use the inverse relationship of multiplication and division to write problem statements and to check a calculation (i.e. multiply back to check division)							•																	
M1.3.8 Express the result of multiplying and dividing to the level of precision indicated by the problem						•	•																	
M4 Measurement																								
M4.1.4 Read and use analog scales: clocks, meters, gauges, (e.g. read to nearest lb., Kg, ½ lb., ½ Kg etc.)	•						•			•														
M4.1.6 Read and use various indicators of time (e.g, place dates on time line, interpret numeric representations, compare 12- 24 hour clocks)								•	•															
M4.2.8 Calculate with and convert between customary US units of capacity: fluid ounces, cups, pints, quarts, gallons																							•	•
M4.4.1 Interpret scale drawings (e.g. blueprints, maps)																					•			
M5 Statistics, Data Analysis and Probability																								
M5.1.1 Identify, count and extract relevant data in lists, tables and charts																	•	•					•	•

Basic Skills Content Standards by Test Item - Form 032M

CASAS Competencies for each item

Competencies → (Item)	1: 2.3.1	2: 1.1.6, 2.2.4, 6.0.2, 6.2.1	3: 6.1.1	4: 6.1.2	5: 6.1.3	6: 6.1.4	7: 1.1.4, 6.6.4	8: 2.3.2, 6.0.1	9: 1.1.6, 1.3.6, 6.0.2, 6.2.1	10: 2.3.2, 6.0.2	11: 2.3.1, 6.6.6	12: 1.1.6, 1.3.6, 2.1.6, 6.0.1, 6.0.2, 6.0.3	13: 2.2.1, 6.7.2	14: 1.9.3, 2.2.1, 6.7.2	15: 1.1.6, 6.0.2, 6.2.1	16: 1.1.4, 1.1.6, 6.2.3	17: 1.1.6, 1.2.4, 6.2.4	18: 1.1.6, 6.1.1, 6.2.1	19: 2.2.5, 6.1.1, 6.6.5	20: 1.1.6, 4.2.1	21: 1.1.6, 4.2.1	22: 1.1.4, 1.1.7, 6.1.5, 6.6.1	23: 1.1.4, 1.1.7, 6.1.5, 6.6.1	24: 1.1.4, 1.1.7, 6.1.5, 6.6.1
Task #	5	4	0	0	0	0	5	2	4	2	5	4	2	2	4	3	3	3	2	2	5	5		
Item #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Content Standards

M1 — Number sense

Code	Content Standard	Items marked
M1.1.5	Understand the decimal place value system: read, write, order and compare whole and decimal numbers (e.g., 0.13 > 0.013 because 13/100 > 13/1000)	• item 13
M1.2.2	Add and subtract positive multi-digit numbers, including decimal numbers	• items 2, 3, 4, 8, 10, 12, 15
M1.3.2	Know multiplication facts for integers through 12 and recognize their perfect squares	• item 4
M1.3.6	Recognize when a problem situation requires multiplying and/or dividing with multi-digit positive integers and decimal numbers, carry out the computation accurately and interpret the answer in context	• items 7, 8, 22, 23
M1.3.8	Express the result of multiplying and dividing to the level of precision indicated by the problem	• items 7, 8

M4 — Measurement

Code	Content Standard	Items marked
M4.1.4	Read and use analog scales: clocks, meters, gauges, (e.g. read to nearest lb., Kg, ½ lb., ½ Kg etc.)	• items 1, 8, 11
M4.1.6	Read and use various indicators of time (e.g, place dates on time line, interpret numeric representations, compare 12- 24 hour clocks)	• items 13, 14
M4.2.8	Calculate with and convert between customary US units of capacity: fluid ounces, cups, pints, quarts, gallons	• items 23, 24
M4.4.1	Interpret scale drawings (e.g. blueprints, maps)	• item 21

M5 — Statistics, Data Analysis and Probability

Code	Content Standard	Items marked
M5.1.1	Identify, count and extract relevant data in lists, tables and charts	• items 12, 13, 22, 23, 24

Basic Skills Content Standards by Test Item - Form 033M

CASAS Competencies for each item

Item #	Task #	Competencies
1	2	2.3.2, 3.1.2, 6.0.1
2	5	1.1.4, 6.6.2, 6.6.7
3	2	1.1.6, 4.2.1, 6.2.3, 6.6.6
4	2	2.3.1, 4.2.1, 6.6.6
5	2	2.2.4, 6.6.6
6	2	2.2.4, 6.6.6
7	5	1.1.4, 1.1.7, 6.1.4, 6.6.1
8	5	1.1.4, 1.1.7, 6.1.4, 6.6.1
9	2	2.3.2, 6.0.2, 6.6.6
10	2	1.1.6, 1.2.3, 6.2.5, 6.4.1
11	2	1.1.6, 1.2.3, 6.2.5, 6.4.1
12	4	1.1.6, 2.6.4, 6.0.1, 6.2.1
13	3	1.1.6, 1.2.1, 1.2.3, 6.2.2
14	2	1.1.6, 6.2.5
15	1	1.1.4, 1.9.3, 6.0.4, 6.2.4
16	1	1.1.3, 5.8.1, 6.7.2
17	5	1.1.3, 5.8.1, 6.7.2
18	5	1.1.6, 4.2.1, 6.2.1
19	5	4.2.1, 6.1.4
20	5	2.3.1, 6.6.6
21	5	2.3.1, 6.6.6
22	5	1.1.4, 6.6.4, 6.9.2
23	4	6.6.4
24	1	1.1.2, 1.1.4, 1.1.7, 3.3.2, 6.1.3
25	1	1.1.2, 1.1.6, 1.8.1, 1.8.2, 6.0.4, 6.2.5
26	1	1.1.6, 5.4.1, 6.2.2
27	1	1.1.6, 5.4.1, 6.2.5
28	1	1.1.6, 1.8.1, 6.2.5
29	1	1.1.4, 6.3.5, 6.6.1, 6.6.3, 6.6.5
30	5	1.1.4, 6.3.5, 6.6.1, 6.6.3, 6.6.5

Content Standards

M1 — Number sense

Code	Content Standard	Items with competency marks
M1.2.2	Add and subtract positive multi-digit numbers, including decimal numbers	7, 9, 10, 14, 26, 27
M1.2.3	Recognize when a problem situation requires addition or subtraction with multi-digit positive integers and decimal numbers, carry out the computation and interpret the answer in context	13, 26, 27, 28, 29, 30
M1.3.6	Recognize when a problem situation requires multiplying and/or dividing with multi-digit positive integers and decimal numbers, carry out the computation accurately and interpret the answer in context	3, 4, 9, 14, 18, 24
M1.4.9	Calculate percent of change (increase or decrease) in a variety of situations, including those involving money	10, 11

M4 — Measurement

Code	Content Standard	Items with competency marks
M4.1.1	Identify and use the appropriate units, instruments and techniques for measurement tasks	1
M4.1.4	Read and use analog scales: clocks, meters, gauges, (e.g. read to nearest lb., Kg, ½ lb., ½ Kg etc.)	22, 23
M4.1.6	Read and use various indicators of time (e.g, place dates on time line, interpret numeric representations, compare 12- 24 hour clocks)	1, 9
M4.2.13	Calculate with and convert between units of time: seconds, minutes, hours, days, months, years	3, 4, 6, 22, 23
M4.2.8	Calculate with and convert between customary US units of capacity: fluid ounces, cups, pints, quarts, gallons	11, 12
M4.3.4	Calculate area of rectangles and other common figures, using a given formula	30
M4.5.2	Interpret, calculate and apply rates (e.g., cents/min, $/sq. ft., mi/gal)	19

M5 — Statistics, Data Analysis and Probability

Code	Content Standard	Items with competency marks
M5.1.1	Identify, count and extract relevant data in lists, tables and charts	3, 4, 13, 14, 17, 18, 19
M5.1.5	Use or construct a table that provides for calculation of data (e.g., units x price; totals, subtotals)	25

Basic Skills Content Standards by Test Item - Form 034M

CASAS Competencies for each item

Competency codes by item (Item # 1–30):

1. 2.3.2, 2.3.1, 3.1.2, 4.2.1, 6.6.6
2. 1.1.6, 4.2.1, 6.2.3, 6.6.6
3. 2.3.2, 3.1.2, 6.0.1
4. 2.3.2, 6.0.2
5. 1.1.6, 2.6.4, 6.0.2
6. 1.1.6, 2.6.4, 6.2.1
7. 3.6.2, 6.6.4
8. 3.6.2, 6.6.4
9. 1.1.4, 6.6.4
10. 1.1.4, 1.9.3, 6.0.4, 6.2.4
11. 1.1.6, 6.2.5
12. 1.1.6, 1.2.3, 6.4.1
13. 1.1.6, 1.2.3, 6.2.1, 6.4.1
14. 2.2.4, 2.3.1, 6.6.6
15. 2.2.4, 2.3.1, 6.6.6
16. 1.1.4, 6.1.4, 6.6.1
17. 1.1.4, 6.1.3, 6.1.5, 6.6.1
18. 1.1.6, 4.2.1, 6.2.3
19. 1.1.6, 5.4.1, 6.2.1
20. 1.1.6, 5.4.1, 6.2.2
21. 1.1.6, 1.2.2, 6.2.2
22. 2.3.1, 6.6.6
23. 2.3.1, 6.6.6
24. 5.8.1, 6.7.2
25. 1.1.3, 5.8.1, 6.7.2
26. 1.1.2, 1.1.4, 1.1.7, 3.3.2, 6.1.3
27. 1.1.6, 1.8.1, 1.8.2, 6.2.5
28. 1.1.6, 1.8.2, 6.2.5
29. 1.1.4, 6.1.3, 6.6.1, 6.6.3, 6.6.5
30. 1.1.4, 6.1.3, 6.6.1, 6.6.3, 6.6.5

Task #	2	2	2	2	2	5	5	5	3	3	2	2	2	2	5	5	1	1	1	4	5	5	2	2	2	4	1	1	1	5
Item #	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

Content Standards

M1 — Number sense

Code	Content Standard	Items with •
M1.2.2	Add and subtract positive multi-digit numbers, including decimal numbers	4; 24, 25, 26, 27
M1.2.3	Recognize when a problem situation requires addition or subtraction with multi-digit positive integers and decimal numbers, carry out the computation and interpret the answer in context	15; 25, 26; 28, 29, 30
M1.3.6	Recognize when a problem situation requires multiplying and/or dividing with multi-digit positive integers and decimal numbers, carry out the computation accurately and interpret the answer in context	1, 2; 9; 11; 17; 27
M1.4.9	Calculate percent of change (increase or decrease) in a variety of situations, including those involving money	22, 23

M4 — Measurement

Code	Content Standard	Items with •
M4.1.1	Identify and use the appropriate units, instruments and techniques for measurement tasks	9
M4.1.3	Read the temperature from a thermometer in degrees F or C	7, 8
M4.1.6	Read and use various indicators of time (e.g, place dates on time line, interpret numeric representations, compare 12- 24 hour clocks)	3, 4
M4.2.13	Calculate with and convert between units of time: seconds, minutes, hours, days, months, years	1, 2; 15; 26, 27
M4.2.8	Calculate with and convert between customary US units of capacity: fluid ounces, cups, pints, quarts, gallons	22, 23
M4.3.4	Calculate area of rectangles and other common figures, using a given formula	30
M4.5.2	Interpret, calculate and apply rates (e.g., cents/min, $/sq. ft., mi/gal)	10

M5 — Statistics, Data Analysis and Probability

Code	Content Standard	Items with •
M5.1.1	Identify, count and extract relevant data in lists, tables and charts	6; 15; 24, 25
M5.1.5	Use or construct a table that provides for calculation of data (e.g., units x price; totals, subtotals)	6; 15; 20, 21

![CASAS logo]

Basic Skills Content Standards by Test Item - Form 035M

CASAS Competencies for each item (by item number):

1. 1.1.6, 4.2.1, 6.2.1
2. 4.2.1, 6.0.3, 6.0.4, 6.2.1, 6.4.3
3. 2.3.1, 2.3.5, 6.6.5, 6.6.6
4. 2.3.1, 2.3.5, 6.6.5, 6.6.6
5. 4.4.3, 6.3.1, 6.6.1, 6.6.2, 6.6.5
6. 1.1.4, 1.2.1, 6.2.5
7. 1.1.4, 6.1.4, 6.6.5
8. 1.1.4, 6.3.3, 6.6.5
9. 1.1.4, 2.3.3, 6.12, 6.7.1
10. 1.1.4, 2.3.3, 6.7.1
11. 1.1.6, 6.2.5
12. 1.1.6, 4.1.4, 4.2.1, 6.2.5
13. 1.1.6, 1.1.4, 6.3.1, 6.6.5
14. 1.9.3, 6.2.3, 6.4.6
15. 1.1.4, 1.9.3, 6.0.2
16. 1.1.6, 1.1.7, 1.2.4, 6.9.2
17. 1.1.6, 1.1.7, 1.2.4, 6.2.4
18. 1.1.4, 1.2.5, 6.1.2, 6.6.4
19. 1.1.4, 2.2.5, 6.3.3, 6.6.5
20. 1.1.4, 2.2.5, 6.6.5
21. 1.1.4, 6.1.3, 6.6.1, 6.6.3, 6.6.5
22. 1.1.4, 6.3.5, 6.6.1, 6.6.3, 6.6.5
23. 1.1.4, 6.3.1, 6.6.1, 6.6.2, 6.6.5
24. 1.1.4, 1.9.3, 6.0.3, 6.2.2
25. 1.1.4, 1.9.3, 6.0.3, 6.2.5
26. 1.1.6, 1.2.1, 1.2.3, 6.2.2, 6.4.1
27. 1.1.6, 1.2.1, 1.2.3, 6.3.5, 6.4.3
28. 6.6.4
29. 6.6.4
30. 1.1.6, 5.4.1, 6.0.4, 6.2.1
31. 1.1.7, 3.3.2, 6.1.3
32. 1.1.4, 6.6.1
33. 1.1.6, 6.0.3, 6.2.3, 6.3.6, 6.3.6
34. 5.5.2, 5.8.1, 6.2.6, 6.3.6, 6.4.4, 6.7.4, 6.9.2
35. 1.1.6, 5.5.2, 5.8.1, 6.4.1, 6.7.4

Content Standards	Items with • (by item #)
M1	**Number sense**
M1.1.6 Round off numbers to the nearest 10, 100, 1000 and/or to the nearest whole number, tenth, hundredth or thousandth according to the demands of the context	16
M1.2.2 Add and subtract positive multi-digit numbers, including decimal numbers	1; 30
M1.2.3 Recognize when a problem situation requires addition or subtraction with multi-digit positive integers and decimal numbers, carry out the computation and interpret the answer in context	5; 11; 12; 21; 22; 23; 24
M1.2.7 Recognize when a problem situation requires adding and/or subtracting with fractions and mixed numbers, carry out the computation and interpret the answer in context	4; 15
M1.3.6 Recognize when a problem situation requires multiplying and/or dividing with multi-digit positive integers and decimal numbers, carry out the computation accurately and interpret the answer in context	2; 13; 16; 17; 33
M1.4.9 Calculate percent of change (increase or decrease) in a variety of situations, including those involving money	30
M4	**Measurement**
M4.1.2 Read and use linear scales: a ruler, tape measure, metric rule, thermometer	28; 29
M4.2.1 Calculate with and convert between customary US units of linear measurement: inches, feet, yards, miles	33; 34
M4.2.11 Calculate with and compare temperatures, including those below zero	15
M4.2.13 Calculate with and convert between units of time: seconds, minutes, hours, days, months, years	3; 4
M4.2.6 Calculate with and convert between metric units of weight: grams, kilograms, milligrams	32
M4.3.2 Calculate perimeter of rectangles and other common figures	26
M4.3.4 Calculate area of rectangles and other common figures, using a given formula	27; 28
M4.4.2 Interpret and use proportions in solving problems involving dimensions or scale	10; 11; 21; 22
M4.5.1 Interpret, calculate and apply rates involving time, such as velocity (e.g., mi/hr, ft/sec, m/sec), frequency (e.g., calls/hr), consumption (e.g., cal/day, Kw/hr), flow (e.g., gal/min), change (e.g., degrees/min, inches/year)	15; 25
M5	**Statistics, Data Analysis and Probability**
M5.1.1 Identify, count and extract relevant data in lists, tables and charts	1; 9; 30
M5.1.5 Use or construct a table that provides for calculation of data (e.g., units x price; totals, subtotals)	1; 2; 9
M5.2.1 Extract and compare information from scatterplots and pictographs, as well as bar, circle and line graphs	34; 35

Basic Skills Content Standards by Test Item - Form 036M

CASAS Competencies for each item

Code	Content Standards	1.1.6, 5.4.2, 6.4.1	1.1.6, 1.2.3, 6.3.3	1.1.4, 2.2.5, 6.6.5	1.1.3, 1.1.4, 6.1.2, 6.1.4, 6.6.5	4.2.1, 6.2.3, 6.4.3	4.2.1, 6.1.4	2.3.1, 2.3.5, 6.6.5, 6.6.6	2.3.1, 2.3.5, 6.6.5, 6.6.6	1.1.6, 1.5.1, 6.2.5, 6.4.1, 6.7.4	1.1.6, 1.5.1, 6.2.5, 6.4.1, 6.7.4	1.1.6, 2.6.1, 2.6.3, 6.2.5	1.1.6, 4.2.1, 6.2.5	1.1.4, 1.1.7, 3.3.2, 6.1.5	1.1.6, 5.4.1, 6.2.1	6.6.2, 6.6.5	4.4.3, 6.3.2, 6.6.2, 6.6.5	1.1.4, 6.1.5, 6.6.3, 6.6.5	4.4.3, 6.6.1, 6.6.2, 6.6.5	6.1.4, 6.6.5	6.6.3, 6.3.3, 6.6.5	4.4.3, 6.0.2, 6.7.1	4.4.3, 6.0.2, 6.7.1	6.6.4	6.6.4	1.1.4, 1.9.3, 6.0.3, 6.2.5	1.1.4, 1.9.3, 6.0.3, 6.2.5	1.1.6, 1.2.2, 1.2.3, 6.2.5, 6.4.1	1.1.6, 1.2.2, 1.2.3, 6.2.5, 6.4.1	1.1.4, 2.3.3, 6.6.4	1.9.3, 6.2.4, 6.2.5	1.1.6, 1.9.3, 6.9.2	1.1.4, 1.1.6, 1.1.7, 1.2.4, 6.2.4	1.1.4, 1.1.6, 1.1.7, 1.2.4, 6.2.4	1.1.4, 1.1.7, 6.6.3	1.1.4, 1.1.7, 6.1.5, 6.6.1, 6.6.3
	Task #	4	4	2	2	0	1	2	2	2	3	2	4	1	5	3	5	5	5	5	2	2	5	5	2	4	5	2	4	5	9	0	4	4	4	0
	Item #	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	32	33	34	35
M1	**Number sense**																																			
M1.1.13	Read, write, order and compare positive and negative real numbers (integers, decimals, and fractions)	•	•																																	
M1.2.3	Recognize when a problem situation requires addition or subtraction with multi-digit positive integers and decimal numbers, carry out the computation and interpret the answer in context							•	•	•																										
M1.2.7	Recognize when a problem situation requires adding and/or subtracting with fractions and mixed numbers, carry out the computation and interpret the answer in context											•	•																							
M1.3.13	Use estimation strategies to determine reasonable answers to multiplication and division problems involving integers, decimal numbers and fractions (i.e., rounding to nearest multiple, benchmark fractions, etc.)							•	•																											
M1.3.6	Recognize when a problem situation requires multiplying and/or dividing with multi-digit positive integers and decimal numbers, carry out the computation accurately and interpret the answer in context					•	•				•																						•	•	•	
M1.4.9	Calculate percent of change (increase or decrease) in a variety of situations, including those involving money	•	•																												•					
M4	**Measurement**																																			
M4.1.2	Read and use linear scales: a ruler, tape measure, metric rule, thermometer																							•	•											
M4.1.3	Read the temperature from a thermometer in degrees F or C																													•						
M4.2.1	Calculate with and convert between customary US units of linear measurement: inches, feet, yards, miles																																			•
M4.2.13	Calculate with and convert between units of time: seconds, minutes, hours, days, months, years					•	•																													
M4.2.6	Calculate with and convert between metric units of weight: grams, kilograms, milligrams															•																				
M4.3.2	Calculate perimeter of rectangles and other common figures														•																					
M4.3.4	Calculate area of rectangles and other common figures, using a given formula																•																			
M4.3.6	Calculate volume and surface area of rectangular and other common shapes, using a given formula																																		•	•
M4.3.7	Calculate area or volume of irregular or composite shapes by dividing the figure into parts																•																			
M4.4.2	Interpret and use proportions in solving problems involving dimensions or scale			•	•													•	•																	
M4.5.1	Interpret, calculate and apply rates involving time, such as velocity (e.g., mi/hr, ft/sec, m/sec), frequency (e.g., calls/hr), consumption (e.g., cal/day, Kw/hr), flow (e.g., gal/min), change (e.g., degrees/min, inches/year)																											•								
M4.5.2	Interpret, calculate and apply rates (e.g., cents/min, $/sq. ft., mi/gal)																																		•	
M4.5.3	Use averaging in calculating rates (e.g., average speed is?)																														•					
M5	**Statistics, Data Analysis and Probability**																																			
M5.1.1	Identify, count and extract relevant data in lists, tables and charts																	•	•				•													

Basic Skills Content Standards by Form

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Basic Skills Content Standards by Test Item - Form 037M

CASAS Competencies for each item

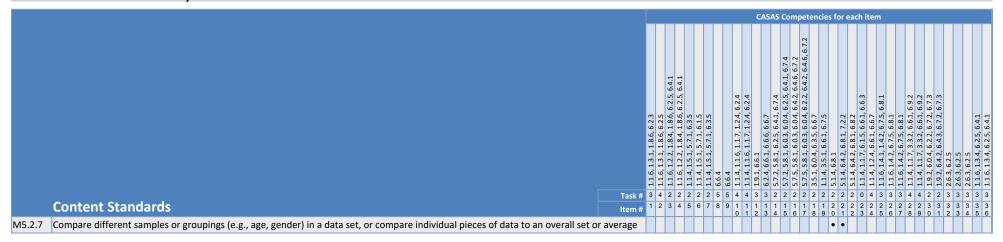| Content Standards	5.7.2, 5.8.1, 6.4.4, 6.9.2	5.7.2, 5.8.1, 6.3.6, 6.7.4, 6.9.2	1.1.4, 6.6.4	1.1.4, 6.6.4	1.1.6, 1.8.1, 6.2.5	1.1.6, 1.8.1, 6.2.2, 6.9.2	1.1.6, 1.3.1, 6.2.5	1.1.6, 1.3.1, 6.2.5	1.1.6, 6.3.5, 6.6.3, 6.6.7	1.1.4, 6.3.5, 6.6.3, 6.6.5	1.1.4, 1.5.1, 5.7.1, 6.3.5	1.1.4, 1.5.1, 6.1.5	6.6.1	6.2.4, 6.6.1, 6.6.6, 6.6.7	1.1.6, 1.2.4, 6.2.4	1.1.4, 6.2.4, 6.9.2	5.7.5, 5.8.1, 6.0.4, 6.4.2, 6.4.6, 6.7.2	5.7.5, 5.8.1, 6.0.4, 6.2.2, 6.4.6, 6.7.2	1.1.4, 1.1.6, 6.0.3, 6.2.3, 6.3.3, 6.3.6	1.1.4, 6.3.5, 6.6.1, 6.6.7	4.2.2, 6.7.1	4.2.2, 6.4.4, 6.7.1	1.5.3, 6.2.5	5.4.1, 6.2.2	1.9.2, 6.0.4, 6.7.2, 6.7.3	1.9.2, 6.4.2, 6.4.3, 6.7.2, 6.7.3	1.1.4, 1.1.7, 3.3.2, 6.6.1, 6.9.2	1.1.4, 1.1.7, 3.3.2, 6.6.1, 6.9.2	1.1.6, 5.4.3, 6.1.5, 6.4.1	1.1.6, 5.4.3, 6.1.5, 6.4.1	1.1.6, 1.3.4, 6.2.5, 6.4.1	1.1.6, 6.2.5, 6.4.1	1.8.3, 6.0.3, 6.2.5, 6.4.1	1.1.4, 1.1.7, 6.6.1	1.1.4, 6.2.3, 6.3.3, 6.6.1, 6.6.3	1.1.4, 6.2.3, 6.3.3, 6.6.1, 6.6.3
Task #	2	2	5	5	1	1	3	3	5	2	3	3	3	5	2	2	4	4	2	4	2	2	0	2	2	4	4	4	2	3	3	4	3	4	3	3
Item #	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	32	33	34	35	36
M1 Number sense																																				
M1.1.6 Round off numbers to the nearest 10, 100, 1000 and/or to the nearest whole number, tenth, hundredth or thousandth according to the demands of the context																•											•									
M1.2.2 Add and subtract positive multi-digit numbers, including decimal numbers																									•											
M1.2.3 Recognize when a problem situation requires addition or subtraction with multi-digit positive integers and decimal numbers, carry out the computation and interpret the answer in context					•		•	•		•													•	•			•	•	•	•						
M1.2.8 Use estimation strategies to determine reasonable answers to addition and subtraction problems involving integers, decimal numbers and fractions						•																														
M1.3.6 Recognize when a problem situation requires multiplying and/or dividing with multi-digit positive integers and decimal numbers, carry out the computation accurately and interpret the answer in context							•	•	•			•		•	•		•								•	•	•	•	•	•	•	•		•		
M1.4.4 Know the percent equivalent to common benchmark fractions (½, ¼, ¾, 1/10, 1/5, etc) and use them interchangeably for solving problems	•	•																																		
M1.4.7 Calculate a missing value from a percent relationship – the percentage, the percent, or the base – using paper and pencil or a calculator														•	•									•												
M4 Measurement																																				
M4.1.4 Read and use analog scales: clocks, meters, gauges, (e.g. read to nearest lb., Kg, ½ lb., ½ Kg etc.)			•	•																																
M4.2.1 Calculate with and convert between customary US units of linear measurement: inches, feet, yards, miles																				•	•															
M4.2.10 Estimate equivalents between customary US and metric units of capacity																																	•			
M4.2.3 Estimate equivalents between customary US and metric units of linear measure																	•	•																		
M4.3.4 Calculate area of rectangles and other common figures, using a given formula									•													•														•
M4.3.6 Calculate volume and surface area of rectangular and other common shapes, using a given formula												•																								
M4.5.5 Estimate time, distance and speed in travel situations														•																						
M5 Statistics, Data Analysis and Probability																																				
M5.1.1 Identify, count and extract relevant data in lists, tables and charts	•	•							•						•				•	•																
M5.2.8 Express data relationships in terms of ratios, fractions or percent (e.g., 3 to 1 ratio; 3 out of 4; 75%)																									•											

CASAS

Basic Skills Content Standards by Form

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CASAS Competencies for each item

Competency codes by Item # (Task #):

Item #	Task #	CASAS Competencies
1	3	1.1.6, 1.3.1, 1.8.6, 6.2.3
2	4	1.1.6, 1.3.1, 1.8.6, 6.2.5
3	2	1.1.6, 1.2.2, 1.8.6, 6.2.5, 6.4.1
4	2	1.1.6, 1.2.2, 1.8.4, 1.8.6, 6.2.5, 6.4.1
5	2	1.1.4, 1.5.1, 5.7.1, 6.3.5
6	2	1.1.4, 1.5.1, 5.7.1, 6.1.5
7	2	1.1.4, 1.5.1, 5.7.1, 6.3.5
8	5	6.6.4
9	4	6.6.4
10	4	1.1.4, 1.1.6, 1.1.7, 1.2.4, 6.2.4
11	3	1.1.4, 1.1.6, 1.1.7, 1.2.4, 6.2.4
12	3	1.9.1, 6.6.1
13	2	6.2.4, 6.6.1, 6.6.7
14	2	5.7.2, 5.8.1, 6.2.5, 6.4.1, 6.7.4
15	2	5.7.2, 5.8.1, 6.0.3, 6.0.4, 6.2.5, 6.4.1, 6.7.4
16	2	5.7.5, 5.8.1, 6.0.3, 6.0.4, 6.4.2, 6.4.6, 6.7.2
17	2	5.7.5, 5.8.1, 6.0.4, 6.2.2, 6.4.6, 6.7.2
18	2	3.5.1, 6.0.4, 6.3.5, 6.6.7
19	2	1.1.4, 3.5.1, 6.6.1, 6.7.5
20	2	5.1.4, 6.8.1
21	2	5.1.4, 6.4.2, 6.8.1, 7.2.2
22	2	5.1.4, 6.4.2, 6.8.1, 6.8.2
23	0	1.1.4, 1.1.7, 6.1.5, 6.6.1, 6.6.3
24	4	1.1.4, 1.2.4, 6.6.1, 6.6.7
25	3	1.1.6, 1.4.2, 6.7.5, 6.8.1
26	3	1.1.6, 1.4.2, 6.7.5, 6.8.1
27	3	1.1.6, 1.4.2, 6.7.5, 6.8.1
28	4	1.1.4, 1.1.7, 3.3.2, 6.6.1, 6.9.2
29	2	1.1.7, 3.3.2, 6.6.1, 6.9.2
30	3	1.9.2, 6.0.4, 6.2.2, 6.7.3
31	3	1.9.2, 6.0.4, 6.2.2, 6.4.3, 6.7.2, 6.7.3
32	2	2.6.3, 6.2.5
33	3	2.6.3, 6.2.5
34	3	2.6.3, 6.2.5
35	3	1.1.6, 1.3.4, 6.2.5, 6.4.1
36	3	1.1.6, 1.3.4, 6.2.5, 6.4.1

Content Standards

M1 — Number sense

Code	Content Standard	Items marked
M1.1.6	Round off numbers to the nearest 10, 100, 1000 and/or to the nearest whole number, tenth, hundredth or thousandth according to the demands of the context	18, 24
M1.2.3	Recognize when a problem situation requires addition or subtraction with multi-digit positive integers and decimal numbers, carry out the computation and interpret the answer in context	1, 2, 5, 30, 32, 33, 34, 35, 36
M1.3.11	Find fractional parts of whole numbers and/or decimal numbers. (e.g. ¼ of the $8.3 million budget)	4
M1.3.12	Recognize when a problem situation requires multiplying and/or dividing with fractions and mixed numbers, carry out the computation and interpret the answer in context	18
M1.3.6	Recognize when a problem situation requires multiplying and/or dividing with multi-digit positive integers and decimal numbers, carry out the computation accurately and interpret the answer in context	1, 2, 4, 8, 9, 13, 30, 31, 32, 33, 34, 35, 36
M1.4.7	Calculate a missing value from a percent relationship – the percentage, the percent, or the base – using paper and pencil or a calculator	3, 4, 14, 15, 16, 34

M2 — Algebra

Code	Content Standard	Items marked
M2.3.5	Interpret and write expressions and equations representing contextual situations including those that involve fractions, decimals, percents and negative numbers	18

M4 — Measurement

Code	Content Standard	Items marked
M4.1.2	Read and use linear scales: a ruler, tape measure, metric rule, thermometer	8, 9
M4.2.1	Calculate with and convert between customary US units of linear measurement: inches, feet, yards, miles	25, 26
M4.2.3	Estimate equivalents between customary US and metric units of linear measure	17, 18
M4.3.6	Calculate volume and surface area of rectangular and other common shapes, using a given formula	25, 26
M4.5.5	Estimate time, distance and speed in travel situations	18

M5 — Statistics, Data Analysis and Probability

Code	Content Standard	Items marked
M5.1.1	Identify, count and extract relevant data in lists, tables and charts	7, 18
M5.2.3	Find summary statistics of a data set, including the mean, median, mode and range and determine how changes in the extreme values affect each of them.	23, 28, 29, 30
M5.2.6	Make simple generalizations about a data set, including recognizing clusters and more/less contrasts and identifying trends	22

![CASAS]

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CASAS Competencies for each item

Content Standards

M5.2.7 — Compare different samples or groupings (e.g., age, gender) in a data set, or compare individual pieces of data to an overall set or average

CASAS Competencies	Task #	Item #	M5.2.7
1.1.6, 1.3.1, 1.8.6, 6.2.3	3	1	
1.1.6, 1.3.1, 1.8.6, 6.2.5	4	2	
1.1.6, 1.2.2, 1.8.6, 6.2.5, 6.4.1	2	3	
1.1.6, 1.2.2, 1.8.4, 1.8.6, 6.2.5, 6.4.1	2	4	
1.1.4, 1.5.1, 5.7.1, 6.3.5	2	5	
1.1.4, 1.5.1, 5.7.1, 6.1.5	2	6	
1.1.4, 1.5.1, 5.7.1, 6.3.5	2	7	
6.6.4	5	8	
6.6.4	5	9	
1.1.4, 1.1.6, 1.1.7, 1.2.4, 6.2.4	4	10	
1.1.4, 1.1.6, 1.1.7, 1.2.4, 6.2.4	3	11	
1.9.1, 6.6.1	3	12	
6.2.4, 6.6.1, 6.6.6, 6.6.7	2	13	
5.7.2, 5.8.1, 6.2.5, 6.4.1, 6.7.4	2	14	
5.7.2, 5.8.1, 6.0.3, 6.0.4, 6.4.2, 6.4.6, 6.7.2	2	15	
5.7.5, 5.8.1, 6.0.3, 6.0.4, 6.2.2, 6.4.6, 6.7.2	2	16	
3.5.1, 6.0.4, 6.3.5, 6.6.7	2	17	
1.1.4, 3.5.1, 6.6.1, 6.7.5	2	18	
5.1.4, 6.8.1	2	19	
5.1.4, 6.4.2, 6.8.1, 7.2.2	0	20	•
5.1.4, 6.4.2, 6.8.1, 6.8.2	4	21	•
1.1.4, 1.1.7, 6.1.5, 6.6.1, 6.6.3	3	22	
1.1.4, 1.2.4, 6.6.1, 6.6.7	3	23	
1.1.6, 1.4.1, 1.4.2, 6.7.5, 6.8.1	3	24	
1.1.6, 1.4.2, 6.7.5, 6.8.1	4	25	
1.1.6, 1.4.2, 6.7.5, 6.8.1	4	26	
1.1.4, 1.1.7, 3.3.2, 6.6.1, 6.9.2	2	27	
1.1.4, 1.1.7, 3.3.2, 6.6.1, 6.9.2	3	28	
1.9.2, 6.0.4, 6.2.2, 6.7.2, 6.7.3	3	29	
1.9.2, 6.0.4, 6.2.2, 6.4.3, 6.7.2, 6.7.3	3	30	
2.6.3, 6.2.5	3	31	
2.6.3, 6.2.5	3	32	
2.6.3, 6.2.5	3	33	
1.1.6, 1.3.4, 6.2.5, 6.4.1	3	34	
1.1.6, 1.3.4, 6.2.5, 6.4.1	3	35	
1.1.6, 1.3.4, 6.2.5, 6.4.1	6	36	

Reading/Math Task Legend

Task 1 - Forms
Task 2 - Charts, maps, consumer billings, matrices, graphs, tables
Task 3 - Articles, paragraphs, sentences, directions, manuals
Task 4 - Signs, price tags, advertisements, product labels
Task 5 - Measurement scales, diagrams

Listening Item Type Legend

Type 1 - Picture Prompt
Type 2 - Comprehension question
Type 3 - Predict next line of dialogue
Type 4 - Identify true statement based on prompt

— Criteria —

Base container is: Agency (C) 10382 - (CLOSED) Boston OWD: Hull Lifesaving Museum
Interrogation mode is: 'Data from sub-sites'
Include Prepared By: Yes
Include Print Time: Yes
Include Criteria Info: Yes
Report Sort Order: Form
Page Sort Order: Content Standard
Report Style Option: Blue
Warn if too many pages: Yes
Page Orientation: Landscape