Date: _____ Period: 2 3 4 5 6 7

Week 14

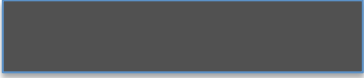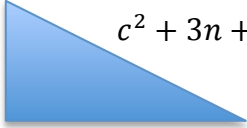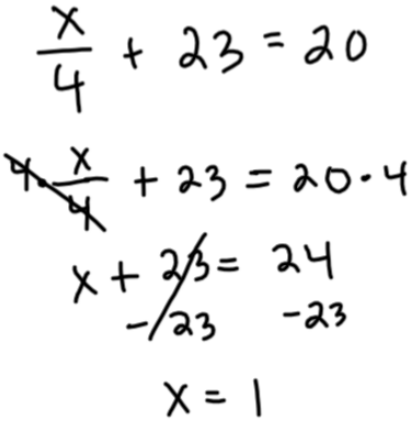|	

1. Alfredo bought a belt for x. How much change will he get from $20.
 	
   A. $20 - x$
   B. $x - 20$
   C. $20 + x$
   D. $2x + 20$
 	
                                 MS7 1-7
	6. Which property is shown below?
	$$4a^2 + 3 = 3 + 4a^2$$
	
	   A. Associative Property
	   B. Commutative Property
	   C. Distributive Property
	   D. Identity Property
	
	                         MS7 1-6

2. What value for x makes the equation true?
$$4x = 24$$
 	
   A. 3
   B. 4
   C. 5
   D. 6
 	
                       MS7 1-12
	7. Evaluate the expression where $h = 4$.
	$$3h^2 - 4h + 5$$
	
	   A. 29
	   B. 13
	   C. 37
	   D. 57
	
	                         MS7 1-7

3. Simplify $(a-b)-(b-a)$
 	
   A. $2a - 2b$
   B. $2a + 2b$
   C. $-2b$
   D. 0
 	
               MS7 1-6 and 1-9
	8. Evaluate the expression for a number "p" increased by 4 if $p = 19$?
	
	   A. 15
	   B. 23
	   C. 76
	   D. 57
	
	             MS7 1-7 and 1-8

4. What is the sum of $r - 4$ and $18 - 4r$?
 	
   A. $5r + 22$
   B. $-4r - 14$
   C. $-3r + 14$
   D. $-3r + 22$
 	
                      MS7 1-9
	9. Which property is shown below?
	$$7f + 0 = 7f$$
	
	   A. Associative Property
	   B. Commutative Property
	   C. Distributive Property
	   D. Identity Property
	
	                        MS7 1-6

5. Which equation has a solution of $x = -6$?
 	
   A. $3x - 2 = -24$
 	
   B. $\frac{1}{3}x + 4 = -2$
 	
   C. $\frac{2}{3}x + 5 = -3$
 	
   D. $3x - 4 = -22$
 	
                     MS7 12-1
	10. Find the AREA of the rectangle.
	
	   3.5
	$$2 + x$$
	
	   A. $3.5x + 7$
	   B. $7x + 3.5$
	   C. $3.5x + 70$
	   D. $35x + 70$
	
	                         MS7 1-9

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11. Which property is shown below? $$2a + (3b + 4c) = (2a + 3b) + 4c$$ A. Associative Property B. Commutative Property C. Distributive Property D. Identity Property MS7 1-6	16. Which property is shown below? $$4(m + 3)$$ A. Associative Property B. Commutative Property C. Distributive Property D. Identity Property MS7 1-6
12. Which property is shown below? $$7 \cdot 3 + 7 \cdot x = 7(3 + x)$$ A. Associative Property B. Commutative Property C. Distributive Property D. Identity Property MS7 1-6	17. What is the solution to the equation $$5x + 16 = 41?$$ A. $x = 2$ B. $x = 3$ C. $x = 5$ D. $x = 11.4$ MS7 12-1

13. Find the PERIMETER of the triangle.
 	
$4c^2 - 7$ $c^2 + 3n + 2$
 	
$2c^2 + n$
 	
A. $7c^2 + 4n + 5$
B. $7c^2 + 4n - 9$
C. $7c^2 + 4n - 5$
D. $7c^2 + 4n + 9$
 	
MS7 1-9
	18. Some possible steps for solving the equation $-\frac{x}{7} + 3 = 9$ are shown below. Which steps are correct for solving the equation, and in which order?
	     I. Subtract 3 from both sides.
	     II. Subtract 9 from both sides.
	     III. Multiply both sides by 6.
	     IV. Multiply both sides by -7.
	
	A. Step I, then Step IV
	B. Step I, then Step III
	C. Step II, then Step I
	D. Step II, then Step IV
	
	MS7 12-1

14. For which equation is $x = 3$ NOT a solution? A. $4.75 = x + 1.75$ B. $-9x = -3$ C. $-12.5x = -37.5$ D. $-1 = \frac{x}{-3}$ MS7 12-1	19. A student incorrectly solved an equation. Look at the work below, and describe in words what the student did that was incorrect. What should the student have done to properly solve the problem? $\frac{x}{4} + 23 = 20$ $4 \cdot \frac{x}{4} + 23 = 20 \cdot 4$ $x + 23 = 24$ $-23 \quad -23$ $x = 1$ MS7 12-1
15. Faye has $40 to spend at Funland. Admission costs $10.00, lunch will cost $6.00, and each ride ticket costs $2.00. Which equation represents the number of ride tickets "x" that Faye can buy? A. $18x = 40$ B. $10 + 2x = 40$ C. $10 + 6 + 2x = 40$ D. $40 + 6 + 2x = 10$ MS7 1-10	

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