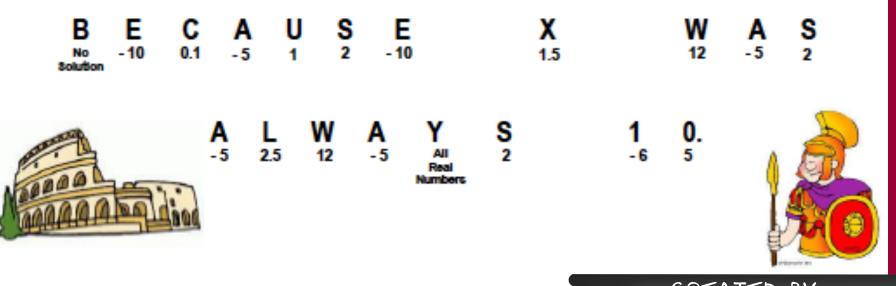
SOLVING MULTI-STEP EQUATIONS Riddle Worksheet

WHY DIDN'T THE ROMANS FIND ALGEBRA CHALLENGING?

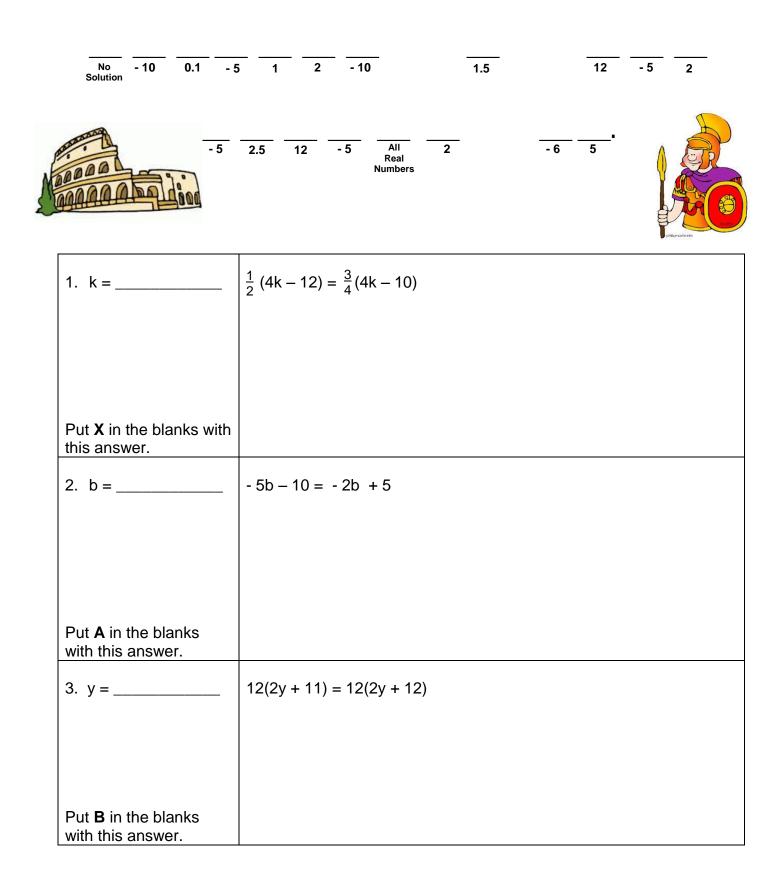
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CREATED BY: KATRINA NEWELL

Solving Multi-Step Equations Riddle Worksheet

WHY DIDN'T THE ROMANS FIND ALGEBRA CHALLENGING?

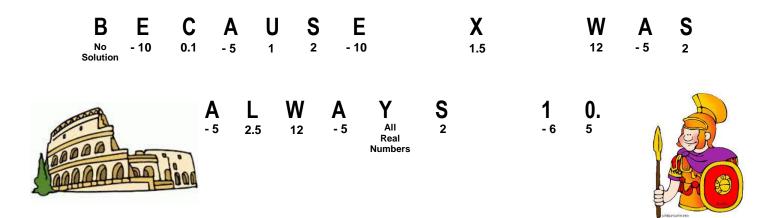


4. x =	9.2 - 1.7x = 2.3x + 1.2
Put S in the blanks with this answer.	
5. a =	3a = 5(a + 3) - 3
Put 1 in the blanks with this answer.	
6. k =	$\frac{5k}{2} = 3k + 5$
Put E in the blanks with this answer.	
7. b =	$\frac{b+6}{b-3} = 2$
Put W in the blanks with this answer.	
8. z =	$4(z+3) - 4 = 8 \left(\frac{1}{2}z + 1\right)$
Put Y in the blanks with this answer.	

9. d =	-4(2d-3) = 2d + 11
Put C in the blanks with this answer.	
10. m =	2(m-7) + 3(m-1) = m + 3
Put 0 in the blanks with this answer.	
11. c =	$\frac{1}{3}(9c - 18 - 3c) = \frac{1}{4}(12c - 28)$
Put U in the blanks with this answer.	
12. x =	$\frac{3x}{5} = x - 1$
Put L in the blanks with this answer.	

Solving Multi-Step Equations Riddle Worksheet

WHY DIDN'T THE ROMANS FIND ALGEBRA CHALLENGING?



1. k = <u>1.5</u>	$\frac{1}{2}(4k - 12) = \frac{3}{4}(4k - 10)$
Put X in the blanks with this answer.	
2.b = <u>-5</u>	-5b - 10 = -2b + 5
Put A in the blanks	
with this answer.	
3. y = <u>No Solution</u>	12(2y + 11) = 12(2y + 12)
Put B in the blanks	
with this answer.	

4. x = <u>2</u>	9.2 - 1.7x = 2.3x + 1.2
Put S in the blanks with this answer.	
5. a = <u>-6</u>	3a = 5(a + 3) - 3
Put 1 in the blanks with this answer.	
6. k = <u>-10</u>	$\frac{5k}{2} = 3k + 5$
Put E in the blanks with this answer.	
7. b = <u>12</u>	$\frac{b+6}{b-3} = 2$
Put W in the blanks	
with this answer.	
8. z = <u>All Real Numbers</u>	$4(z+3) - 4 = 8 \left(\frac{1}{2}z + 1\right)$
Put Y in the blanks with	
this answer.	

9. d = <u>0.1</u>	-4(2d-3) = 2d + 11
Put C in the blanks with this answer.	
10. m = <u>5</u>	2(m-7) + 3(m-1) = m + 3
Put 0 in the blanks with this answer.	
11. c = <u>1</u>	$\frac{1}{3} (9c - 18 - 3c) = \frac{1}{4} (12c - 28)$
Put U in the blanks with this answer.	
12. x = <u>2.5</u>	$\frac{3x}{5} = x - 1$
Put L in the blanks with this answer.	

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