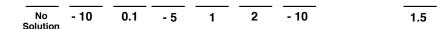
Solving Multi-Step Equations Riddle Worksheet

WHY DIDN'T THE ROMANS FIND ALGEBRA CHALLENGING?



.5 12 -5 2



-5 2.5 12 -5 All Real

-6 5



1.
$$k =$$
 $\frac{1}{2}(4k - 12) = \frac{3}{4}(4k - 10)$

Put **X** in the blanks with this answer.

Put **A** in the blanks with this answer.

Put **B** in the blanks with this answer.

9.2 - 1.7x = 2.3x + 1.2
3a = 5(a + 3) - 3
<u>5k</u> = 3k + 5 2
2
<u>b + 6</u> = 2
b - 3
$4(z+3)-4=8(\frac{1}{2}z+1)$

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 =	3x = x - 1 5
Put L in the blanks with this answer.	