

Name: ANSWERS | Class:

Topic: | Date:

Main Ideas/Questions | Notes

One-Step Equations	1. $m + 12 = 10$ $m = -2$	2. $-2 = g - 9$ $g = 7$
	3. $-7y = -91$ $y = 13$	4. $\frac{a}{9} = -4$ $a = -36$

Fractions  *To "get rid" of a fraction, multiply by the _____!	5. $\frac{2}{3}x = 10$ $x = 15$	6. $\frac{4}{9}w = -8$ $w = -18$
	7. $-\frac{6}{5}k = 12$ $k = -10$	8. $-\frac{1}{2}m = -9$ $m = 18$

Two-Step Equations	<i>To Solve a Two-Step Equation:</i>	
	1. Undo the Addition/Subtraction (to remove constant term)	
	2. Undo the Multiplication/Division (to remove coefficient)	
	9. $6x + 8 = 50$ $x = 7$	10. $2x - 5 = 11$ $x = 8$
	11. $13 = -4x + 9$ $x = -1$	12. $7 - 3x = 34$ $x = -9$
	13. $\frac{x}{2} - 7 = 9$ $x = 32$	14. $11 = \frac{x}{-5} + 8$ $x = -15$
15. $\frac{3}{5}x + 22 = 28$ $x = 10$	16. $-\frac{1}{3}x + 1 = -7$ $x = -24$	

# Two-step eQuATION MAZE!

Directions: Use your solutions to navigate through the puzzle. SHOW ALL STEPS!!!!

