



Math on the Fly!



NAME: _____ DATE: _____

Solving Multi-Step Equations

Solve each equation.

1.

$$3x - 1 = x - 3$$

2.

$$7 + 4x = -2x + 10$$

3.

$$7(x - 5) - 8x = 0$$

4.

$$6 - 2(x + 3) = -14$$

5.

$$40 = 7x + x - 3x$$

6.

$$4.25 + 0.1x = 0.6x + 1.75$$

7.

$$-9(8 - 5x) = -(x - 20)$$

8.

$$10(x - 4) - 5(x + 2) = 15$$

9.

$$\frac{2}{3}x + 5 = 9$$

10.

$$-\frac{1}{2}x - 3 = 4$$

11.

$$\frac{1}{3} = \frac{2x - 7}{6 - 3x}$$

12.

$$\frac{x - 5}{6} = \frac{5}{10}$$

13.

$$\frac{x + 3}{5} = \frac{x - 6}{8}$$

14.

$$\frac{1}{3}x + \frac{1}{2} = \frac{7}{6}$$

SOLUTIONS

1. $x = -1$

2. $x = 1/2$ or 0.5

3. $x = -35$

4. $x = 7$

5. $x = 8$

6. $x = 5$

7. $x = 2$

8. $x = 13$

9. $x = 6$

10. $x = -14$

11. $x = 3$

12. $x = 8$

13. $x = -18$

14. $x = 2$