



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

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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. $x = 2$