

Name: _____ Per. _____

Equations Worksheet

Directions: Solve each equation for the variable. SHOW YOUR WORK FOR CREDIT!
and check your answer.

1. $2x + 3 = 11$

2. $2x - 2 = 0$

3. $29 = 6x - 8$

4. $7 - 2x = 13$

5. $-16 = 4x - 12$

6. $5x + 9 = 20$

7. $5x - 4 = 21$

8. $42 = 6 + 9x$

9. $8 - 2x = 10$

10. $22 = 3x - 5$

11. $5 = 5x - 20$

12. $5x - 3 = 28$



Solving Integer Equations

and check your answer.



$$-2x + 4 = 2$$

$$5x + 7 = -18$$

$$6 + \frac{x}{3} = -10$$

$$-9x - 4 = 14$$

$$\frac{x}{-7} + 3 = 4$$

$$-8x + 2 = 18$$

$$12x + 12 = -24$$

$$\frac{x}{-4} - 8 = -12$$

$$-6 + 4x = 2$$

$$8 + \frac{x}{-10} = -2$$

$$\frac{x}{4} - 6 = -30$$

$$15 - 3x = 30$$

$$-8x + 24 = -16$$

$$\frac{x}{2} - 3 = 9$$

$$-x + 8 = 3$$

$$-3x - 4 = 29$$