

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Hour: \_\_\_\_\_

**Solving Equations Using the  
Distributive Property Worksheet**

Solve.

1)  $2(x + 5) = 32$

2)  $3(x - 1) = 14$

3)  $4(x + 7) = 36$

4)  $2(3x + 4) = 56$

5)  $5(x - 4) = 75$

6)  $4(2x + 3) = 76$

7)  $3(x + 4) = 12$

8)  $\frac{1}{3}(x - 6) = 10$

9)  $\frac{1}{5}(10x - 5) = 10$

10)  $\frac{1}{4}(x + 16) = 7$

$$16) \frac{x}{-4} - 3 = -8$$

$$17) -2 + \frac{x}{-6} = -4$$

$$18) \frac{1}{2}x - 3 = 2$$

$$19) \frac{2}{3}x + 5 = 25$$

$$10) \frac{5}{3}x - 9 = 1$$