

~Solving Equations & Parentheses~  
~Distributive Property~

Algebra Foundations

Name \_\_\_\_\_ per \_\_\_\_\_

*\*Here's an example of a problem that requires you to use the distributive property before you can combine like terms.*

**So:**  $2(x + 7) = 20$

**So:**  $x = 2$

*You Try These: (Make sure you show all your steps).*

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

2)  $3(m + 1) - 2m = 0$

3)  $y + 4(2y + 3) = 15$

4)  $-\frac{1}{2}(t + 2) + 3t = -1$

$$5) 4(n + 2) - 2n = 0$$

$$6) 4 + 2(1 + x) = 12$$

$$7) -(x + 3) + \frac{3}{4}x + 5 = 0$$

$$8) 2(3x - 1) + 2(4x + 5) = 8$$