

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

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

### **Distribute and Solve**

Solve and Check each equation below. Show all of your steps.

1.  $3(x + 2) = 12$

2.  $4(x - 3) = 8$

3.  $5(x - 5) = 5$

4.  $6(x - 7) = 12$

5.  $7(x - 2) = 28$

6.  $5(x + 2) = 40$

7.  $2b + 3(b - 7) = 44$

8.  $2v + 3(8 - v) = -16$

9.  $5(n + 3) + 5 = -25$

10.  $6(3a - 2) + 5a = 57$

11.  $10z + 5(z - 12) = 0$

12.  $-8a + 6(a + 7) = 1$