

$$p(x + q) = r$$

Name: _____ Date: _____

Solve. Divide both sides first, or distribute and then solve.

1. $9(n + 8) = 18$

$n =$ _____

2. $6(y + 9) = 6$

$y =$ _____

3. $-9(k + 6) = -36$

$k =$ _____

4. $-2(k - 3) = -4$

$k =$ _____

5. $8(k + 6) = 64$

$k =$ _____

6. $-5(t - 2) = -40$

$t =$ _____

7. $7(n + 3) = -49$

$n =$ _____

8. $-7(t - 4) = -28$

$t =$ _____

9. $-9(x - 1) = -36$

$x =$ _____

10. $3(k + 4) = 18$

$k =$ _____

11. $9(t + 5) = -9$

$t =$ _____

12. $-6(y - 8) = 84$

$y =$ _____