

$p(x + q) = r$

Name: _____ Date: _____

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

1. $9(n - 7) = -81$

$n = \underline{\hspace{2cm}}$

2. $6(x + 5) = 60$

$x = \underline{\hspace{2cm}}$

3. $3(t - 3) = -30$

$t = \underline{\hspace{2cm}}$

4. $-9(m + 3) = -54$

$m = \underline{\hspace{2cm}}$

5. $-9(k + 5) = -27$

$k = \underline{\hspace{2cm}}$

6. $-2(t + 9) = -4$

$t = \underline{\hspace{2cm}}$

7. $-9(y - 9) = 171$

$y = \underline{\hspace{2cm}}$

8. $8(t - 9) = -56$

$t = \underline{\hspace{2cm}}$

9. $-3(t + 4) = 18$

$t = \underline{\hspace{2cm}}$

10. $-2(k + 5) = -20$

$k = \underline{\hspace{2cm}}$

11. $-2(k + 2) = 2$

$k = \underline{\hspace{2cm}}$

12. $-2(t + 5) = -8$

$t = \underline{\hspace{2cm}}$