

$p(x + q) = r$ — ANSWER KEY

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

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

$n = \underline{\quad -2 \quad}$

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

$x = \underline{\quad 5 \quad}$

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

$t = \underline{\quad -7 \quad}$

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

$m = \underline{\quad 3 \quad}$

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

$k = \underline{\quad -2 \quad}$

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

$t = \underline{\quad -7 \quad}$

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

$y = \underline{\quad -10 \quad}$

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

$t = \underline{\quad 2 \quad}$

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

$t = \underline{\quad -10 \quad}$

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

$k = \underline{\quad 5 \quad}$

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

$k = \underline{\quad -3 \quad}$

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

$t = \underline{\quad -1 \quad}$