

$p(x + q) = r$ — ANSWER KEY

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

1. $-7(x - 7) = 42$

$x = \underline{\quad 1 \quad}$

2. $9(x - 4) = -9$

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

3. $3(t + 7) = 24$

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

4. $5(k + 7) = 25$

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

5. $-9(x + 2) = -54$

$x = \underline{\quad 4 \quad}$

6. $3(y + 4) = 30$

$y = \underline{\quad 6 \quad}$

7. $8(n - 4) = -56$

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

8. $-9(n - 4) = 36$

$n = \underline{\quad 0 \quad}$

9. $-5(n + 7) = -65$

$n = \underline{\quad 6 \quad}$

10. $7(y + 8) = 21$

$y = \underline{\quad -5 \quad}$

11. $4(m + 7) = 32$

$m = \underline{\quad 1 \quad}$

12. $2(k + 2) = 12$

$k = \underline{\quad 4 \quad}$