Resolver Cuadráticas (E)

Resuelva cada ecuación en función de x.

1. $-x^2 - x + 30 = 0$

2. $x^2 - 8x + 15 = 0$

3. $-x^2 - 3x + 40 = 0$

4. $x^2 - 11x + 30 = 0$

5. $x^2 + 9x + 8 = 0$

6. $-x^2 + 1 = 0$

7. $-x^2 - 4x + 45 = 0$

8. $x^2 - 4x + 3 = 0$

9. $-x^2 + 4x + 12 = 0$

10. $-x^2 + 49 = 0$

11. $-x^2 - 2x + 3 = 0$

12. $-x^2 + x + 2 = 0$

Resolver Cuadráticas (E) Respuestas

Resuelva cada ecuación en función de x.

1. $-x^2 - x + 30 = 0$
   $-(x + 6)(x - 5) = 0$
   $x = -6 \ , \ 5$

2. $x^2 - 8x + 15 = 0$
   $(x - 3)(x - 5) = 0$
   $x = 3 \ , \ 5$

3. $-x^2 - 3x + 40 = 0$
   $(x - 5)(x + 8) = 0$
   $x = 5 \ , \ -8$

4. $x^2 - 11x + 30 = 0$
   $(x - 5)(x - 6) = 0$
   $x = 5 \ , \ 6$

5. $x^2 + 9x + 8 = 0$
   $(x + 1)(x + 8) = 0$
   $x = -1 \ , \ -8$

6. $-x^2 + 1 = 0$
   $(x + 1)(x - 1) = 0$
   $x = -1 \ , \ 1$

7. $-x^2 - 4x + 45 = 0$
   $-(x + 9)(x - 5) = 0$
   $x = -9 \ , \ 5$

8. $x^2 - 4x + 3 = 0$
   $(x - 3)(x - 1) = 0$
   $x = 3 \ , \ 1$

9. $-x^2 + 4x + 12 = 0$
   $-(x - 6)(x + 2) = 0$
   $x = 6 \ , \ -2$

10. $-x^2 + 49 = 0$
    $-(x + 7)(x - 7) = 0$
    $x = -7 \ , \ 7$

11. $-x^2 - 2x + 3 = 0$
    $-(x - 1)(x + 3) = 0$
    $x = 1 \ , \ -3$

12. $-x^2 + x + 2 = 0$
    $-(x + 1)(x - 2) = 0$
    $x = -1 \ , \ 2$