

FACTORIZAR ECUACIONES CUADRÁTICAS

HOJA 5 - RESPUESTAS

1) $x^2 + x - 6 = 0$ $(x + 3)(x - 2) = 0$ $x = -3 \text{ o } 2$

2) $y^2 + 4y - 5 = 0$ $(y + 5)(y - 1) = 0$ $y = -5 \text{ o } 1$

3) $z^2 - 2z - 8 = 0$ $(z - 4)(z + 2) = 0$ $z = 4 \text{ o } -2$

4) $a^2 - 5a - 6 = 0$ $(a - 6)(a + 1) = 0$ $a = 6 \text{ o } -1$

5) $b^2 - 4b + 3 = 0$ $(b - 3)(b - 1) = 0$ $b = 1 \text{ o } 3$

6) $c^2 - 5c + 4 = 0$ $(c - 4)(c - 1) = 0$ $c = 1 \text{ o } 4$

7) $d^2 - 3d + 2 = 0$ $(d - 2)(d - 1) = 0$ $d = 1 \text{ o } 2$

8) $e^2 + 6e + 9 = 0$ $(e + 3)(e + 3) = 0$ or $(e + 3)^2 = 0$ $e = -3$

9) $f^2 - 2f - 15 = 0$ $(f - 5)(f + 3) = 0$ $f = 5 \text{ o } -3$

10) $g^2 - 4 = 0$ $(g + 2)(g - 2) = 0$ $g = 2 \text{ o } -2$

11) $h^2 - 6h + 5 = 0$ $(h - 5)(h - 1) = 0$ $h = 1 \text{ o } 5$

12) $i^2 + 8i + 12 = 0$ $(i + 6)(i + 2) = 0$ $i = -6 \text{ o } -2$

13) $j^2 - 8j + 12 = 0$ $(j - 6)(j - 2) = 0$ $j = 2 \text{ o } 6$

14) $k^2 + 13k - 14 = 0$ $(k + 14)(k - 1) = 0$ $k = -14 \text{ o } 1$

15) $m^2 - 5m - 14 = 0$ $(m - 7)(m + 2) = 0$ $m = 7 \text{ o } -2$

16) $n^2 + n - 20 = 0$ $(n + 5)(n - 4) = 0$ $n = -5 \text{ o } 4$

