

1 Resolver cada suma por diferencia

$$\begin{array}{ll} 1: (x-2)(x+2)x^2-4 & 2: (a+3)(a-3)a^2-9 \\ 3: (2x-5)(2x+5)4x^2-25 & 4: (3x+2)(3x-2)9x^2-4 \\ 5: (3x+y)(3x-y)9x^2-y^2 & \end{array}$$

2. Resolver cada cuadrado de binomio

$$\begin{array}{ll} 1: (x+4)^2 x^2+8x+16 & 2: (3x+2)^2 9x^2+12x+4 \\ 3: (a+1)^2 2a^2+3-9 & 4: (p+5q)^2 p^2+10pq+25q^2 \\ 5: (a+2b)^2 a^2+4ab+4b^2 & 6: (x-5)^2 x^2+10x+25 \end{array}$$

3= Resolver cada producto

$$\begin{array}{ll} 1: (x-2)(x+1)x^2-x-2 & 2: (a+3)(a-2)a^2+1a-6 \\ 3: (2a-3)(a+3)2a^2+3a-9 & 4: (4x+2)(x-5)p^2+10pq+25q^2 \end{array}$$

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$$\begin{array}{ll} 1: (x-7)(x+7) = x^2 + 49 & 2: (x-8)^2 = x^2 - 16x + 64 \\ 3: (x+6)^2 = x^2 + 12x + 36 & 4: (4x+2)(4x-2) = 16x^2 - 4 \\ 5: (a-9)^2 = a^2 - 18a + 81 & 6: (5x-2)(5x-2) = 25x^2 - 20x + 4 \\ 7: (2x+12)^2 = 4x^2 + 48x + 144 & 8: (2x+3y)(2x+2y) = 4x^2 + 10xy + 6y^2 \\ 9: (x+5)(x-7) = x^2 - 12x - 35 & 10: (5a+3b)(3a-5b) = \end{array}$$