

Actividad 4.

$$\textcircled{1} \quad 8m^2 - nm - 8m^2 - nm = m \times (8m - h^2)$$

$$\textcircled{2} \quad 12m^2h + 24m^3h^2 - 36m^4h^3 + 48m^5h^4 \\ = 3(4m^2h + 8m^3h^2 - 12m^4h^3 + 16m^5h^4)$$

$$\textcircled{3} \quad a(x+1) + b(x+1) \quad a(x+1) \times b(x+1) \\ = ax + a + bx + b$$

$$\textcircled{4} (a+3)(a+4) - 4(a+1) = (a+3)(a+1) - 4(a+1) = (a+3) - 3a - 3$$

$$\textcircled{5} (a+b-7)(a^2+1) - a^2 - 7 = (a+b-7) + (a^2+1) - a = 8a^2 + 8 + a^2b + b - a$$

$$\textcircled{6} (x-3)(x-4) + (x-3)(x+4) = (x-3)x(x-4) + (x-3)x(x+4) = x^2 - 7x + 16 + x^2 - 3x$$

$$\textcircled{7} a^3(a-b+1) - b^2(a-b+1) = a^3 \times (a-b+1) - b^2 \times (a-b+1) = a^4 - a^3b + a^3 - b^2a + b^3 - b^2$$

Probivativ