

Actividad 4

1. $8m^2 - 12mn = 2m(4m - 6n)$

2. $12m^2n + 24m^3n^2 - 36m^4n^3 + 48m^5n^4 =$

$$2m^2n(6mn + 12mn - 18m^2n^2 + 24m^3n^3)$$

$$\begin{array}{r} 12 - 24 - 36 \\ 6 \quad 12 \quad 18 \end{array}$$

3. $a(x+1) + b(x+1) = (x+1)(a+b)$

4. $(a+3)(a+1) - 4(a+1)$

$$(a+1)(a+3-4)$$

5. $(a+b-1)(a^2+1) - a^2 - 1 =$

$$(a^2+1) \times (a+b-2)$$

6. $(x-3)(x-4) + (x-3)(x+4)$

$$(x-3)(x-4+x+4)$$

$$(x-3)(x^2)$$

7. $a^3(a-b+1) - b^2(a-b+1)$

$$(a-b+1)(a^3 - b^2)$$