

Semana 13 Lección 4

$$(1) 8m^2 - 12mn = 4m(2m - 3n)$$

$$(2) 12m^2n + 24m^3n^2 - 36m^4n^3 + 48m^5n^4 = 12m^2n(1 + 2mn - 3m^2n^2 + 4m^3n^3)$$

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

$$(4) 2x(n-1) - 3y(n-1) = (n-1)(2x-3y)$$

$$(5) (a+3)(a+1) - 4(a+1) = (a+1)(a+3-4) = (a+1)(a-1)$$

$$(6) (x-3)(x-4) + (x-3)(x+4) = (x-3)(x-4+x+4) = (x-3)2x$$

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