

3 actividades lección 3

1) $(a^2 - b^3)^5$

$$5(-2)2(1)^3 = 5 \times 4 \times 1 = 20$$

$$-4(-3)(2)^4 = 192 \quad 3/4(2)^0(-2)^3(-16) = 3/4 \cdot 1 \cdot 8 \cdot 16 = 4$$

2) $(m^3 + 2h^4)^7$

$$5n^4 + 2h^4 = 7n^8$$

$$\cancel{P} m^4 h + 7h^8$$

3) $(3x - 2y)^4$

$$(3x^4) - (2 \times 0) = 4 \quad \cancel{P} 4 - 0 = 4$$

$$4 = 4$$

$$12_3 - 0 = 4$$

4) $(5m - 2h)^5$

$$= (5m)^2 - 2(5m)(2h) + (2h)^2 \quad \cancel{P} = 25m^2 - 20mh + 4h^2$$

5) $(2x^3 - 3y^4)^6$

$$\begin{array}{cc} 2x & 3y \\ \times & \div \\ 3 & 4 \end{array} = 1 \quad \begin{array}{cc} y & 5x \\ \div & \\ 3 & 6 \end{array} = 2$$