

EJERCICIOS DE CLASE (CONSULTA 2)  
PRODUCTOS NOTABLES

$$\left(\frac{2}{x}-3x\right)\left(3x+\frac{2}{x}\right)$$

$$(2\sqrt{x}-\sqrt{2})(2\sqrt{x}+\sqrt{2})$$

$$(x^4+1)(x^2+1)(x^2-1)$$

$$(x-y+z)(x+y+z)$$

$$(x^a+y^b)(x^a-y^b)(x^{2a}+y^{2b})-(x^{2a}-y^{2b})^2$$

$$[(x+y)-3][(x+y)+3]$$

$$(\sqrt{2x}-\sqrt{3x})^2$$

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

$$(a+b)^4$$

$$[(m^3+m)+(m^2+1)][(m^3+m)-(m^2+1)]$$

$$[(a^3-a)+(a^2-3)][(a^3-a)-(a^2-3)]$$

$$[(3b^4-b)+(b^3-2b^2)][(3b^4-b)-(b^3-2b^2)]$$

$$[(2m^5+m^3)-(m^4+1)][(2m^5+m^3)+(m^4+1)]$$

$$\left(\frac{x}{3}+\frac{y}{5}\right)\left(\frac{x}{3}-\frac{y}{5}\right)$$

$$\left(\frac{m^2}{3}+\frac{2n^3}{5}\right)\left(\frac{m^2}{3}-\frac{2n^3}{5}\right)$$

$$\left(\frac{y}{5}+\frac{3}{x}\right)\left(\frac{y}{5}-\frac{3}{x}\right)$$

$$\left(\frac{5a}{x}+\frac{y}{2b}\right)\left(\frac{5a}{x}-\frac{y}{2b}\right)$$