

diferencias de cuadrados

$$x^2 - 25 =$$

a) $(x-5)(x-5)$

b) $(x+5)(x+5)$

c) $(x+5)(x-5)$

$$4m^{14} - x^2 =$$

a) $(2m^7 - x)(2m^7 - x)$

b) $(2m^7 + x)(2m^7 - x^2)$

c) $(2m^7 - x)(2m^7 + x^1)$

$$9y^6 - 49 =$$

a) $(3x^3 - 7)(3x^3 + 7)$

b) $(3x^3 + 7)(3x^3 + 7)$

c) $(-3x^3 + 7)(3x^3 - 7)$

$$1 - 16x^{10} =$$

a) $(1 + 4x^5)(1 + 4x^5)$

b) $(1 + 4x^5)(1 - 4x^5)$

c) $(1 - 4x^5)(1 - 4x^5)$

$$4m^8 - x^4 =$$

a) $(2m^4 - x)(2m^4 - x)$

b) $(2m^4 + x^2)(2m^4 - x^2)$

c) $(2m^4 + x^2)(2m^4 + x^2)$

$$36 - 100x^{20} =$$

a) $(6 - 10x^{10})(6 + 10x^{10})$

b) $(6 + 10x^{10})(6 - 10x^1)$

c) $(6 + 10x^{10})(36 - 10x^{10})$

Diferencia de cuadrados

$$a^2 - b^2 = (a + b)(a - b)$$

Relaciona las siguientes columnas, arrastra el recuadro correspondiente:

$$x^2 - 16y^2$$

$$9x^2 - 4y^2$$

$$4x^2 - 81y^4$$

$$x^2 - 121$$

$$x^4 - 25y^6$$

$$a^2b^6 - 1$$

$$x^{10} - 36$$

$$100x^2 - 49$$

$$\frac{25}{36} - x^2$$

$$x^{10} - \frac{1}{4}y^{30}$$

$$(2x + 9y^2)(2x - 9y^2)$$

$$(x^5 + \frac{1}{2}y^{15})(x^5 + \frac{1}{2}y^{15})$$

$$(x + 4y)(x - 4y)$$

$$(x^5 - 6)(x^5 + 6)$$

$$(10x + 7)(10x - 7)$$

$$\left(\frac{5}{6} + x\right)\left(\frac{5}{6} - x\right)$$

$$(ab^3 + 1)(ab^3 - 1)$$

$$(x + 11)(x - 11)$$

$$(x^2 + 5y^3)(x^2 - 5y^3)$$

$$(3x - 2y)(3x + 2y)$$

