

PRODUCTOS NOTABLES: DIFERENCIA DE CUADRADOS



$$1.- (3x - 2)(3x + 2) = (\quad)^2 - (\quad)^2$$

— —

$$2.- (5 + 4y)(5 - 4y) = (\quad)^2 - (\quad)^2$$

— —

$$3.- (7a^3 - 1)(7a^3 + 1) = (\quad)^2 - (\quad)^2$$

— —

$$4.- (8 + 9x^4)(8 - 9x^4) - 64 = (\quad)^2 - (\quad)^2$$

— —
- 64
— —

$$5.- (10 - 8a^2)(10 + 8a^2) - 95 = (\quad)^2 - (\quad)^2$$

— —
—
— —

6.- $(12x+11)(12x-11)-144x^2 = (\underline{\hspace{1cm}})^2 - (\underline{\hspace{1cm}})^2$

$$\begin{array}{r} \underline{\hspace{1cm}} - \underline{\hspace{1cm}} \\ - \\ \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} - \underline{\hspace{1cm}} \end{array}$$

7.- Marca la respuesta correcta

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

$49-x$

$49-x^2$

$49+x^2$

$(2x-7)(2x+7)-4x^2$

-49

x^2-49

$4x^2-49$

$(3x-10)(3x+10)-8x^2$

$9x^2+100$

x^2-100

$9x^2-100$

$(x^3+10)(x^3-10)$

x^2-100

x^6-100

x^9-100