

PRODUCTOS NOTABLES

I.- Resolver: (puedes utilizar la fórmula o cuadro mágico)

$$(x + 6)^2 = \begin{array}{|c|} \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \end{array} + \begin{array}{|c|} \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \end{array} + \begin{array}{|c|} \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \end{array} + \begin{array}{|c|} \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \end{array} + \begin{array}{|c|} \hline \square \\ \hline \end{array}$$

$$(3x + 9)^2 = \begin{array}{|c|} \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \end{array} + \begin{array}{|c|} \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \end{array} + \begin{array}{|c|} \hline \square \\ \hline \end{array}$$

$$(5x + 8)(5x - 8) = \begin{array}{|c|} \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \end{array} - \begin{array}{|c|} \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \end{array} - \begin{array}{|c|} \hline \square \\ \hline \end{array}$$

$$(10 - x^3)(10 + x^3) = \begin{array}{|c|} \hline \square \\ \hline \end{array} - \begin{array}{|c|} \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \end{array}$$



$$(x+7)(x+9) = \begin{array}{c} \square \\ \square \end{array} + \boxed{} \square + \square \square$$
$$\begin{array}{c} \square \\ \square \end{array} + \square + \square$$

$$(2x+11)(2x+4) = \begin{array}{c} \square \\ \square \end{array} + \square + \square$$

III.- Resolver: fórmula, recuerda a los Reyes y soldados)

$$(x+5)^3 =$$

$$\begin{array}{c} \square \\ \square \end{array} + \begin{array}{c} \square \\ \square \end{array} \square + \begin{array}{c} \square \\ \square \end{array} \square + \begin{array}{c} \square \\ \square \end{array}$$
$$\begin{array}{c} \square \\ \square \end{array} + \square + \square + \square$$

III.- Resuelve y marca la respuesta correcta:

$$(5x + 4)(5x - 4)$$

a) $10x^2 - 16$

b) $25x^2 - 16$

c) $25x^2 - 8$

$$(7x + 6)^2 - 40x^2$$

a) $9x^2 + 84x + 36$

b) $49x^2 - 36$

c) $49x^2 + 84x + 36$

$$(x + 10)(x + 4)$$

a) $x^2 + 14x + 40$

b) $x^2 - 100$

c) $x^2 + 6x + 40$

