

CASO 7: SUMA O DIFERENCIA DE CUBOS PERFECTOS

Realiza los siguientes ejercicios:



$$27 - y^3 = (\quad) (\quad + \quad + \quad)$$

$$\sqrt[3]{\quad} =$$

$$\sqrt[3]{\quad} =$$

$$27 - y^3 = (\quad) ((\quad)^2 + \quad + (\quad)^2)$$



$$125y^3 + x^9 = (\quad) (\quad - \quad + \quad)$$

$$\sqrt[3]{\quad} =$$

$$\sqrt[3]{\quad} = \quad^3$$

$$125y^3 + x^9 = (\quad) ((\quad)^2 - \quad + (\quad)^2)$$

Recuerda...

$$a^3 + b^3 = (a + b)(a^2 - ab + b^2)$$

$$a^3 - b^3 = (a - b)(a^2 + ab + b^2)$$

