

Ejercicio nº 1.- : Resuelve

$2^5 =$

$(-3)^3 =$

$7^0 =$

$(-2)^4 =$

$-3^2 =$

$-(-4)^2 =$

Ejercicio nº 2.- Resuelve:

$3^2 \cdot 3 = 3 =$

$(-5)^4 \cdot (-5)^3 = (-5)$

$4^2 \cdot (-4)^3 = - \quad 5$

$-6^2 \cdot 6^3 = \quad 5$

$5^4 : 5^2 = 5 =$

$(-8)^3 : 8 = -8$

$(-2)^5 : (-2)^3 = (\quad)^2 =$

$3^5 : (-3)^2 = \quad 3 =$

Ejercicio nº 3.- Resuelve:

$2^2 \cdot 5^2 = \quad =$

$(-5)^3 \cdot (3)^3 = (\quad)$

$4^2 \cdot (-5)^2 = (\quad) =$

$100^2 : 5^2 = \quad =$

$36^4 : 18^4 = \quad =$

$(-18)^3 : 6^3 = (\quad) =$

$200^5 : (-100)^5 = (\quad)^5 =$

$30^2 : (-10)^2 = \quad 2 =$

$(5^2)^3 = 5$

$\left[(-4)^3\right]^4 = (\quad) = 2$

Ejercicio nº4.- Resuelve :

$$\sqrt{64} = \pm \qquad \sqrt{81} = \pm$$

$$\sqrt{-9} = \qquad \sqrt{0} =$$

Ejercicio nº5.- Resuelve las operaciones

$$\begin{aligned} a) \quad 6^3 : \left[(2^7 : 2^6) \cdot 3 \right] &= 6^3 : (\quad \cdot \quad) = \\ &= 6^3 : \quad = 6 \quad = \end{aligned}$$

$$b) \quad (-2)^3 \cdot (5^6 : 5^3) = -2^3 \cdot \quad^3 = - \quad^3 = -$$

$$c) \quad (-8)^3 : 2^6 = (-2 \quad)^3 : 2^6 = -2 : 2^6 = -2 \quad =$$

$$\begin{aligned} d) \quad (-\sqrt{9})^5 : [9^2 : 3] &= (\quad)^5 : (3 \quad : 3) = \\ &= (\quad)^5 : 3 = - \quad = \end{aligned}$$

$$\begin{aligned} e) \quad (-2)^5 \cdot \left[25^4 : (\sqrt{25})^3 \right] &= - \quad^5 \cdot (\quad^8 : \quad^3) = \\ &= - \quad^5 \cdot \quad^5 = - \quad^5 \end{aligned}$$