

PRODUCTO Y DIVISIÓN DE POTENCIAS CON LA MISMA BASE

Para multiplicar potencias de la misma base **se suman los exponentes** y se pone la misma base

Para dividir potencias de la misma base **se restan los exponentes** y se pone la misma base

$$2^1 * 2^2 * 2^2 = 2^{1+2+2} = 2^5 \quad 2^3 : 2^4 = 2^{3-4} = 2^{-1}$$

$$2^4 * 2^2 * 2^4 = \boxed{} \boxed{}$$

$$2^4 : 2^4 = \boxed{} \boxed{}$$

$$3^3 * 3^1 = \boxed{} \boxed{}$$

$$3^2 : 3^4 = \boxed{} \boxed{}$$

$$3^1 * 3^4 = \boxed{} \boxed{}$$

$$3^4 : 3^5 = \boxed{} \boxed{}$$

$$3^3 * 3^4 * 3^1 = \boxed{} \boxed{}$$

$$3^1 : 3^4 = \boxed{} \boxed{}$$

$$7^4 * 7^1 * 7^2 = \boxed{} \boxed{}$$

$$7^3 : 7^2 = \boxed{} \boxed{}$$

$$7^1 * 7^4 = \boxed{} \boxed{}$$

$$7^3 : 7^1 = \boxed{} \boxed{}$$

$$a^5 * a^1 = \boxed{} \boxed{}$$

$$a^2 : a^5 = \boxed{} \boxed{}$$

$$b^2 * b^1 = \boxed{} \boxed{}$$

$$b^1 : b^5 = \boxed{} \boxed{}$$

$$c^4 * c^4 * c^1 = \boxed{} \boxed{}$$

$$c^2 : c^4 = \boxed{} \boxed{}$$

$$m^1 * m^4 * m^0 = \boxed{} \boxed{}$$

$$m^3 : m^2 = \boxed{} \boxed{}$$

$$n^4 * n^2 * n^2 = \boxed{} \boxed{}$$

$$n^2 : n^5 = \boxed{} \boxed{}$$

$$x^5 * x^4 = \boxed{} \boxed{}$$

$$x^1 : x^4 = \boxed{} \boxed{}$$

$$y^4 * y^3 = \boxed{} \boxed{}$$

$$y^2 : y^2 = \boxed{} \boxed{}$$