

Potencias

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a^n

I. Expresa la potencia e indica el resultado en cada ejercicio.

$$(3^2)^3 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \quad (0^6)^2 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$(2^4)^5 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \quad (5^3)^2 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

II. Escribe los resultados de las potencias.

$$10^4 = \underline{\hspace{2cm}}$$

$$5 \times 10^6 = \underline{\hspace{2cm}}$$

$$10^7 = \underline{\hspace{2cm}}$$

$$14 \times 10^4 = \underline{\hspace{2cm}}$$

III. Completa el procedimiento y escribe el resultado.

$$\text{a) } 4^2 + 0^5 + 10^2 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{2cm}}$$

$$\text{b) } (6^0)^4 \times (6^2)^2 \times 6^3 = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{2cm}}$$

$$\text{c) } 3^5 + 3^6 + 3^0 + 3 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{2cm}}$$

$$\text{d) } [(2^3)^2 \times (2^6)^0 \times (2^4)^3] \div [(2^2)^7 \times 2] =$$

$$= \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

x