

PROPIEDADES DE LAS POTENCIAS (2).

NOMBRE: _____.

Aplica las propiedades de las potencias y obtén el resultado:

$$\frac{3^9}{3^5 \cdot 3^2} = \frac{3^9}{3} = 3 = \left| \frac{2^6 \cdot 2^4}{2^7} = \frac{2}{2^7} = 2 = \right.$$

$$\frac{(5^2)^3 \cdot 25}{5^2 \cdot 5^6} = \frac{5 \cdot 25}{5^2 \cdot 5^6} = \frac{5 \cdot 5}{5} = \frac{5}{5} = 5 =$$

$$\frac{9 \cdot (3^4)^3}{3^{12} \cdot 3} = \frac{3 \cdot (3^4)^3}{3^{12} \cdot 3} = \frac{3 \cdot 3}{3} = \frac{3}{3} = 3 =$$

$$\frac{(2^3)^3 \cdot 8}{16 \cdot 2^5} = \frac{(2^3)^3 \cdot 2}{2 \cdot 2^5} = \frac{2 \cdot 2}{2 \cdot 2^5} = \frac{2}{2} = 2 =$$

$$\frac{(5^3)^4 \cdot 25^2}{5^4 \cdot 5^{10}} = \frac{5 \cdot (5)^2}{5^4 \cdot 5^{10}} = \frac{5 \cdot 5}{5} = \frac{5}{5} = 5 =$$

$$\frac{27 \cdot (3^2)^3}{3^7 \cdot 3} = \frac{3 \cdot (3^2)^3}{3^7 \cdot 3} = \frac{3 \cdot 3}{3} = \frac{3}{3} = 3 =$$

$$\frac{(2^4)^3 \cdot 32}{4^3 \cdot 2^6} = \frac{(2^3)^3 \cdot 2}{(2)^3 \cdot 2^6} = \frac{2 \cdot 2}{2 \cdot 2^6} = \frac{2}{2} = 2 =$$