



Simplificación de exponentes de fracciones
(multiplicación)

Nombre: _____

Fecha: _____ Puntuación: _____

$$\left(\frac{2}{3}\right)^{-9} \cdot \left(\frac{2}{3}\right)^6 \cdot \left(\frac{2}{3}\right)^{-8}$$

$$\left(\frac{4}{9}\right)^{-2} \cdot \left(\frac{4}{9}\right)^5 \cdot \left(\frac{4}{9}\right)^{-8}$$

$$\left(\frac{1}{3}\right)^6 \cdot \left(\frac{1}{3}\right)^2 \cdot \left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right)^{-1}$$

$$\left(\frac{3}{5}\right)^{-1} \cdot \left(\frac{3}{5}\right)^{-10}$$

$$\left(\frac{1}{5}\right)^{-9} \cdot \left(\frac{1}{5}\right)^{-10}$$

$$\left(\frac{2}{7}\right)^{-5} \cdot \left(\frac{2}{7}\right)^2$$

$$\left(\frac{1}{7}\right)^7 \cdot \left(\frac{1}{7}\right)^{-3} \cdot \left(\frac{1}{7}\right)^{-9}$$

$$\left(\frac{4}{9}\right)^{-3} \cdot \left(\frac{4}{9}\right)^{-9} \cdot \left(\frac{4}{9}\right)^{-9}$$

$$\left(\frac{1}{6}\right)^{-4} \cdot \left(\frac{1}{6}\right)^{-9} \cdot \left(\frac{1}{6}\right)^2 \cdot \left(\frac{1}{6}\right)$$

$$\left(\frac{4}{9}\right)^{-5} \cdot \left(\frac{4}{9}\right)^3 \cdot \left(\frac{4}{9}\right)^{-3}$$

$$\left(\frac{1}{7}\right)^{-9} \cdot \left(\frac{1}{7}\right)^{-8} \cdot \left(\frac{1}{7}\right)^{-6} \cdot \left(\frac{1}{7}\right)^8$$

$$\left(\frac{3}{5}\right)^{-7} \cdot \left(\frac{3}{5}\right)^{-8}$$

$$\left(\frac{1}{8}\right)^3 \cdot \left(\frac{1}{8}\right)^{-9} \cdot \left(\frac{1}{8}\right)^6$$

$$\left(\frac{3}{7}\right)^{-1} \cdot \left(\frac{3}{7}\right)^8 \cdot \left(\frac{3}{7}\right)^{11} \cdot \left(\frac{3}{7}\right)^{11}$$

$$\left(\frac{1}{5}\right)^2 \cdot \left(\frac{1}{5}\right)^6 \cdot \left(\frac{1}{5}\right)^{-2} \cdot \left(\frac{1}{5}\right)^{-2}$$



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$$\left(\frac{2}{3}\right)^{-9} \cdot \left(\frac{2}{3}\right)^6 \cdot \left(\frac{2}{3}\right)^{-8}$$
$$\left(\frac{2}{3}\right)^{-11}$$

$$\left(\frac{4}{9}\right)^{-2} \cdot \left(\frac{4}{9}\right)^5 \cdot \left(\frac{4}{9}\right)^{-8}$$
$$\left(\frac{4}{9}\right)^{-5}$$

$$\left(\frac{1}{3}\right)^6 \cdot \left(\frac{1}{3}\right)^2 \cdot \left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right)^{-1}$$
$$\left(\frac{1}{3}\right)^{11}$$

$$\left(\frac{3}{5}\right)^{-1} \cdot \left(\frac{3}{5}\right)^{-10}$$
$$\left(\frac{3}{5}\right)^{-11}$$

$$\left(\frac{1}{5}\right)^{-9} \cdot \left(\frac{1}{5}\right)^{-10}$$
$$\left(\frac{1}{5}\right)^{-19}$$

$$\left(\frac{2}{7}\right)^{-5} \cdot \left(\frac{2}{7}\right)^2$$
$$\left(\frac{2}{7}\right)^{-3}$$

$$\left(\frac{1}{7}\right)^7 \cdot \left(\frac{1}{7}\right)^{-3} \cdot \left(\frac{1}{7}\right)^{-9}$$
$$\left(\frac{1}{7}\right)^{-5}$$

$$\left(\frac{4}{9}\right)^{-3} \cdot \left(\frac{4}{9}\right)^{-9} \cdot \left(\frac{4}{9}\right)^{-9}$$
$$\left(\frac{4}{9}\right)^{-21}$$

$$\left(\frac{1}{6}\right)^{-4} \cdot \left(\frac{1}{6}\right)^{-9} \cdot \left(\frac{1}{6}\right)^2 \cdot \left(\frac{1}{6}\right)$$
$$\left(\frac{1}{6}\right)^{-10}$$

$$\left(\frac{4}{9}\right)^{-5} \cdot \left(\frac{4}{9}\right)^3 \cdot \left(\frac{4}{9}\right)^{-3}$$
$$\left(\frac{4}{9}\right)^{-5}$$

$$\left(\frac{1}{7}\right)^{-9} \cdot \left(\frac{1}{7}\right)^{-8} \cdot \left(\frac{1}{7}\right)^{-6} \cdot \left(\frac{1}{7}\right)^8$$
$$\left(\frac{1}{7}\right)^{-15}$$

$$\left(\frac{3}{5}\right)^{-7} \cdot \left(\frac{3}{5}\right)^{-8}$$
$$\left(\frac{3}{5}\right)^{-15}$$

$$\left(\frac{1}{8}\right)^3 \cdot \left(\frac{1}{8}\right)^{-9} \cdot \left(\frac{1}{8}\right)^6$$
$$\left(\frac{1}{8}\right)^0$$

$$\left(\frac{3}{7}\right)^{-1} \cdot \left(\frac{3}{7}\right)^8 \cdot \left(\frac{3}{7}\right)^{11} \cdot \left(\frac{3}{7}\right)^{11}$$
$$\left(\frac{3}{7}\right)^{29}$$

$$\left(\frac{1}{5}\right)^2 \cdot \left(\frac{1}{5}\right)^6 \cdot \left(\frac{1}{5}\right)^{-2} \cdot \left(\frac{1}{5}\right)^{-2}$$
$$\left(\frac{1}{5}\right)^4$$