



Simplificación de exponentes de fracciones
(multiplicación)

Nombre: _____

Fecha: _____ Puntuación: _____

$$\left(\frac{4}{7}\right)^8 \cdot \left(\frac{4}{7}\right)^6$$

$$\left(\frac{1}{2}\right)^3 \cdot \left(\frac{1}{2}\right)^{-7} \cdot \left(\frac{1}{2}\right)^8 \cdot \left(\frac{1}{2}\right)^{-5}$$

$$\left(\frac{4}{9}\right)^2 \cdot \left(\frac{4}{9}\right)^3$$

$$\left(\frac{1}{5}\right)^{-6} \cdot \left(\frac{1}{5}\right)^8 \cdot \left(\frac{1}{5}\right)^{-10} \cdot \left(\frac{1}{5}\right)^{-4}$$

$$\left(\frac{1}{2}\right)^{-7} \cdot \left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^3 \cdot \left(\frac{1}{2}\right)^9$$

$$\left(\frac{1}{3}\right)^{11} \cdot \left(\frac{1}{3}\right)^{-5} \cdot \left(\frac{1}{3}\right)^{-7} \cdot \left(\frac{1}{3}\right)^{-8}$$

$$\left(\frac{1}{4}\right)^{-3} \cdot \left(\frac{1}{4}\right)^8 \cdot \left(\frac{1}{4}\right)^{-7}$$

$$\left(\frac{2}{5}\right)^9 \cdot \left(\frac{2}{5}\right)^{-7} \cdot \left(\frac{2}{5}\right)^{-9}$$

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

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

$$\left(\frac{3}{7}\right)^{-6} \cdot \left(\frac{3}{7}\right) \cdot \left(\frac{3}{7}\right)^2$$

$$\left(\frac{1}{9}\right)^{-7} \cdot \left(\frac{1}{9}\right)^{-6} \cdot \left(\frac{1}{9}\right)^{-4}$$

$$\left(\frac{4}{5}\right)^{-10} \cdot \left(\frac{4}{5}\right)^{-4} \cdot \left(\frac{4}{5}\right)^{11}$$

$$\left(\frac{1}{3}\right)^8 \cdot \left(\frac{1}{3}\right)^{-5} \cdot \left(\frac{1}{3}\right)^{11} \cdot \left(\frac{1}{3}\right)^8$$

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



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$$\left(\frac{4}{7}\right)^8 \cdot \left(\frac{4}{7}\right)^6$$
$$\left(\frac{4}{7}\right)^{14}$$

$$\left(\frac{1}{2}\right)^3 \cdot \left(\frac{1}{2}\right)^{-7} \cdot \left(\frac{1}{2}\right)^8 \cdot \left(\frac{1}{2}\right)^{-5}$$
$$\left(\frac{1}{2}\right)^{-1}$$

$$\left(\frac{4}{9}\right)^2 \cdot \left(\frac{4}{9}\right)^3$$
$$\left(\frac{4}{9}\right)^5$$

$$\left(\frac{1}{5}\right)^{-6} \cdot \left(\frac{1}{5}\right)^8 \cdot \left(\frac{1}{5}\right)^{-10} \cdot \left(\frac{1}{5}\right)^{-4}$$
$$\left(\frac{1}{5}\right)^{-12}$$

$$\left(\frac{1}{2}\right)^{-7} \cdot \left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^3 \cdot \left(\frac{1}{2}\right)^9$$
$$\left(\frac{1}{2}\right)^2$$

$$\left(\frac{1}{3}\right)^{11} \cdot \left(\frac{1}{3}\right)^{-5} \cdot \left(\frac{1}{3}\right)^{-7} \cdot \left(\frac{1}{3}\right)^{-8}$$
$$\left(\frac{1}{3}\right)^{-9}$$

$$\left(\frac{1}{4}\right)^{-3} \cdot \left(\frac{1}{4}\right)^8 \cdot \left(\frac{1}{4}\right)^{-7}$$
$$\left(\frac{1}{4}\right)^{-2}$$

$$\left(\frac{2}{5}\right)^9 \cdot \left(\frac{2}{5}\right)^{-7} \cdot \left(\frac{2}{5}\right)^{-9}$$
$$\left(\frac{2}{5}\right)^{-7}$$

$$\left(\frac{1}{6}\right)^{-9} \cdot \left(\frac{1}{6}\right)^2$$
$$\left(\frac{1}{6}\right)^{-7}$$

$$\left(\frac{1}{3}\right)^{-7} \cdot \left(\frac{1}{3}\right)^9$$
$$\left(\frac{1}{3}\right)^2$$

$$\left(\frac{3}{7}\right)^{-6} \cdot \left(\frac{3}{7}\right) \cdot \left(\frac{3}{7}\right)^2$$
$$\left(\frac{3}{7}\right)^{-3}$$

$$\left(\frac{1}{9}\right)^{-7} \cdot \left(\frac{1}{9}\right)^{-6} \cdot \left(\frac{1}{9}\right)^{-4}$$
$$\left(\frac{1}{9}\right)^{-17}$$

$$\left(\frac{4}{5}\right)^{-10} \cdot \left(\frac{4}{5}\right)^{-4} \cdot \left(\frac{4}{5}\right)^{11}$$
$$\left(\frac{4}{5}\right)^{-3}$$

$$\left(\frac{1}{3}\right)^8 \cdot \left(\frac{1}{3}\right)^{-5} \cdot \left(\frac{1}{3}\right)^{11} \cdot \left(\frac{1}{3}\right)^8$$
$$\left(\frac{1}{3}\right)^{22}$$

$$\left(\frac{1}{7}\right)^9 \cdot \left(\frac{1}{7}\right)^7$$
$$\left(\frac{1}{7}\right)^{16}$$