



Simplificación de exponentes de fracciones  
(multiplicación)

Nombre: \_\_\_\_\_

Fecha: \_\_\_\_\_ Puntuación: \_\_\_\_\_

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

$$\left(\frac{4}{5}\right)^{-2} \cdot \left(\frac{4}{5}\right)^{-8} \cdot \left(\frac{4}{5}\right)^7 \cdot \left(\frac{4}{5}\right)^{-4}$$

$$\left(\frac{1}{9}\right)^{-3} \cdot \left(\frac{1}{9}\right)^4 \cdot \left(\frac{1}{9}\right)^{-6}$$

$$\left(\frac{4}{7}\right)^4 \cdot \left(\frac{4}{7}\right)^{10} \cdot \left(\frac{4}{7}\right)^{-2}$$

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

$$\left(\frac{1}{4}\right)^5 \cdot \left(\frac{1}{4}\right)^{10} \cdot \left(\frac{1}{4}\right)^{-7} \cdot \left(\frac{1}{4}\right)^3$$

$$\left(\frac{3}{7}\right)^{-4} \cdot \left(\frac{3}{7}\right)^{11}$$

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

$$\left(\frac{4}{7}\right) \cdot \left(\frac{4}{7}\right)^{-2} \cdot \left(\frac{4}{7}\right)^{-9}$$

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

$$\left(\frac{4}{9}\right)^{-10} \cdot \left(\frac{4}{9}\right)^6 \cdot \left(\frac{4}{9}\right)^{11} \cdot \left(\frac{4}{9}\right)^{-5}$$

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

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

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

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



# Simplificación de exponentes de fracciones (multiplicación)

Nombre: \_\_\_\_\_

Fecha: \_\_\_\_\_ Puntuación: \_\_\_\_\_

$$\left(\frac{2}{9}\right) \cdot \left(\frac{2}{9}\right)^5$$
$$\left(\frac{2}{9}\right)^6$$

$$\left(\frac{4}{5}\right)^{-2} \cdot \left(\frac{4}{5}\right)^{-8} \cdot \left(\frac{4}{5}\right)^7 \cdot \left(\frac{4}{5}\right)^{-4}$$
$$\left(\frac{4}{5}\right)^{-7}$$

$$\left(\frac{1}{9}\right)^{-3} \cdot \left(\frac{1}{9}\right)^4 \cdot \left(\frac{1}{9}\right)^{-6}$$
$$\left(\frac{1}{9}\right)^{-5}$$

$$\left(\frac{4}{7}\right)^4 \cdot \left(\frac{4}{7}\right)^{10} \cdot \left(\frac{4}{7}\right)^{-2}$$
$$\left(\frac{4}{7}\right)^{12}$$

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

$$\left(\frac{1}{4}\right)^5 \cdot \left(\frac{1}{4}\right)^{10} \cdot \left(\frac{1}{4}\right)^{-7} \cdot \left(\frac{1}{4}\right)^3$$
$$\left(\frac{1}{4}\right)^{11}$$

$$\left(\frac{3}{7}\right)^{-4} \cdot \left(\frac{3}{7}\right)^{11}$$
$$\left(\frac{3}{7}\right)^7$$

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

$$\left(\frac{4}{7}\right) \cdot \left(\frac{4}{7}\right)^{-2} \cdot \left(\frac{4}{7}\right)^{-9}$$
$$\left(\frac{4}{7}\right)^{-10}$$

$$\left(\frac{4}{5}\right) \cdot \left(\frac{4}{5}\right)^{-3} \cdot \left(\frac{4}{5}\right)^9$$
$$\left(\frac{4}{5}\right)^7$$

$$\left(\frac{4}{9}\right)^{-10} \cdot \left(\frac{4}{9}\right)^6 \cdot \left(\frac{4}{9}\right)^{11} \cdot \left(\frac{4}{9}\right)^{-5}$$
$$\left(\frac{4}{9}\right)^2$$

$$\left(\frac{1}{7}\right) \cdot \left(\frac{1}{7}\right)^5$$
$$\left(\frac{1}{7}\right)^6$$

$$\left(\frac{2}{3}\right)^{-8} \cdot \left(\frac{2}{3}\right)^{-7}$$
$$\left(\frac{2}{3}\right)^{-15}$$

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

$$\left(\frac{1}{5}\right)^8 \cdot \left(\frac{1}{5}\right)^{-6} \cdot \left(\frac{1}{5}\right)^{-4}$$
$$\left(\frac{1}{5}\right)^{-2}$$