



Simplifier les exposants de fractions (Division)

Nom: _____

Date: _____ Note: _____

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

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

$$\left(\frac{3}{8}\right)^9 \cdot \left(\frac{3}{8}\right)^{10} \cdot \left(\frac{3}{8}\right)^{-2}$$

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

$$\left(\frac{1}{3}\right)^{-8} \cdot \left(\frac{1}{3}\right)^{-6} \cdot \left(\frac{1}{3}\right)^{-7}$$

$$\frac{\left(\frac{3}{5}\right) \cdot \left(\frac{3}{5}\right)^6 \cdot \left(\frac{3}{5}\right)^8}{\left(\frac{3}{5}\right)^5}$$

$$\frac{\left(\frac{1}{7}\right)^{-3} \cdot \left(\frac{1}{7}\right)^{-1} \cdot \left(\frac{1}{7}\right)^2}{\left(\frac{1}{7}\right)^{-10}}$$

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

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

$$\frac{\left(\frac{4}{9}\right)^{-10} \cdot \left(\frac{4}{9}\right)^{-2} \cdot \left(\frac{4}{9}\right)^{11} \cdot \left(\frac{4}{9}\right)^{-8}}{\left(\frac{4}{9}\right)^5 \cdot \left(\frac{4}{9}\right)^{-8}}$$

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

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

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

$$\frac{\left(\frac{1}{9}\right)^{-10} \cdot \left(\frac{1}{9}\right)^{11} \cdot \left(\frac{1}{9}\right)^{-5} \cdot \left(\frac{1}{9}\right)^{-9}}{\left(\frac{1}{9}\right)^2 \cdot \left(\frac{1}{9}\right)^7}$$

$$\left(\frac{1}{7}\right)^2 \cdot \left(\frac{1}{7}\right)^{10} \cdot \left(\frac{1}{7}\right)^{-10}$$