



Simplification des exposants de fractions
(multiplication)

Nom: _____

Date: _____ Note: _____

$$\left(\frac{1}{8}\right)^7 \cdot \left(\frac{1}{8}\right)^{-10}$$

$$\left(\frac{4}{7}\right)^{-2} \cdot \left(\frac{4}{7}\right)^6 \cdot \left(\frac{4}{7}\right)^{-2}$$

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

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

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

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

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

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

$$\left(\frac{4}{5}\right)^9 \cdot \left(\frac{4}{5}\right)^{-7} \cdot \left(\frac{4}{5}\right)^{10}$$

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

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

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

$$\left(\frac{2}{7}\right)^9 \cdot \left(\frac{2}{7}\right)^{-8} \cdot \left(\frac{2}{7}\right) \cdot \left(\frac{2}{7}\right)^{-4}$$

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

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