



簡化分數指數(除法乘法)

姓名: _____

日期: _____ 分數: _____

$$\left(\frac{1}{5}\right)^7 \cdot \left(\frac{1}{5}\right)^8 \cdot \left(\frac{1}{5}\right)^4$$

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

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

$$\left(\frac{4}{7}\right)^{-6} \cdot \left(\frac{4}{7}\right)^{10} \cdot \left(\frac{4}{7}\right)^9$$

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

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

$$\frac{\left(\frac{2}{5}\right)^2 \cdot \left(\frac{2}{5}\right)^6 \cdot \left(\frac{2}{5}\right)^5 \cdot \left(\frac{2}{5}\right)^{-8}}{\left(\frac{2}{5}\right)^5 \cdot \left(\frac{2}{5}\right)^3}$$

$$\frac{\left(\frac{1}{9}\right)^{-1} \cdot \left(\frac{1}{9}\right)^{-2} \cdot \left(\frac{1}{9}\right)^{-5}}{\left(\frac{1}{9}\right)^{-6}}$$

$$\left(\frac{1}{8}\right)^2 \cdot \left(\frac{1}{8}\right)^{-3} \cdot \left(\frac{1}{8}\right)^{10}$$

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

$$\left(\frac{1}{8}\right)^2 \cdot \left(\frac{1}{8}\right)^{11} \cdot \left(\frac{1}{8}\right)^{-3}$$

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

$$\frac{\left(\frac{1}{2}\right)^8 \cdot \left(\frac{1}{2}\right)^{-6} \cdot \left(\frac{1}{2}\right)^{-2} \cdot \left(\frac{1}{2}\right)^7}{\left(\frac{1}{2}\right)^{-1} \cdot \left(\frac{1}{2}\right)^{-7}}$$

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

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