



Đơn giản hóa số mũ phân số (Phép chia)

Tên: _____

Ngày tháng: _____ Điểm: _____

$$\frac{\left(\frac{1}{9}\right)^{-9} \cdot \left(\frac{1}{9}\right)^{-7} \cdot \left(\frac{1}{9}\right)^{-9} \cdot \left(\frac{1}{9}\right)^{-4}}{\left(\frac{1}{9}\right)^{-3} \cdot \left(\frac{1}{9}\right)^{-9}}$$

$$\left(\frac{3}{7}\right)^{-6} \cdot \left(\frac{3}{7}\right)^{-4} \cdot \left(\frac{3}{7}\right)^{-2}$$

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

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

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

$$\frac{\left(\frac{1}{9}\right)^{10} \cdot \left(\frac{1}{9}\right)^6 \cdot \left(\frac{1}{9}\right)^{-2} \cdot \left(\frac{1}{9}\right)^6}{\left(\frac{1}{9}\right)^3 \cdot \left(\frac{1}{9}\right)^{-6}}$$

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

$$\frac{\left(\frac{2}{7}\right)^3 \cdot \left(\frac{2}{7}\right)^{-7} \cdot \left(\frac{2}{7}\right)^{-1} \cdot \left(\frac{2}{7}\right)^{11}}{\left(\frac{2}{7}\right)^4 \cdot \left(\frac{2}{7}\right)^{-2}}$$

$$\frac{\left(\frac{1}{8}\right)^{-3} \cdot \left(\frac{1}{8}\right)^5 \cdot \left(\frac{1}{8}\right)^{10} \cdot \left(\frac{1}{8}\right)^{-10}}{\left(\frac{1}{8}\right) \cdot \left(\frac{1}{8}\right)^{-5}}$$

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

$$\frac{\left(\frac{2}{5}\right)^7 \cdot \left(\frac{2}{5}\right)^3 \cdot \left(\frac{2}{5}\right)^9 \cdot \left(\frac{2}{5}\right)^{-6}}{\left(\frac{2}{5}\right)^9 \cdot \left(\frac{2}{5}\right)^{-8}}$$

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

$$\frac{\left(\frac{1}{3}\right)^{11} \cdot \left(\frac{1}{3}\right)^9 \cdot \left(\frac{1}{3}\right)^3 \cdot \left(\frac{1}{3}\right)^{10}}{\left(\frac{1}{3}\right)^{-4} \cdot \left(\frac{1}{3}\right)^{-7}}$$

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

$$\left(\frac{1}{3}\right)^{-10} \cdot \left(\frac{1}{3}\right) \cdot \left(\frac{1}{3}\right)^{-9}$$



Đơn giản hóa số mũ phân số (Phép chia)

Tên: _____

Ngày tháng: _____ Điểm: _____

$$\frac{\left(\frac{1}{9}\right)^{-9} \cdot \left(\frac{1}{9}\right)^{-7} \cdot \left(\frac{1}{9}\right)^{-9} \cdot \left(\frac{1}{9}\right)^{-4}}{\left(\frac{1}{9}\right)^{-3} \cdot \left(\frac{1}{9}\right)^{-9}}$$
$$\left(\frac{1}{9}\right)^{-17}$$

$$\frac{\left(\frac{3}{7}\right)^{-6} \cdot \left(\frac{3}{7}\right)^{-4} \cdot \left(\frac{3}{7}\right)^{-2}}{\left(\frac{3}{7}\right)^{-12}}$$

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

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

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

$$\frac{\left(\frac{1}{9}\right)^{10} \cdot \left(\frac{1}{9}\right)^6 \cdot \left(\frac{1}{9}\right)^{-2} \cdot \left(\frac{1}{9}\right)^6}{\left(\frac{1}{9}\right)^3 \cdot \left(\frac{1}{9}\right)^{-6}}$$
$$\left(\frac{1}{9}\right)^{23}$$

$$\frac{\left(\frac{1}{3}\right)^{-4} \cdot \left(\frac{1}{3}\right)^5 \cdot \left(\frac{1}{3}\right)^{11}}{\left(\frac{1}{3}\right)^{12}}$$

$$\frac{\left(\frac{2}{7}\right)^3 \cdot \left(\frac{2}{7}\right)^{-7} \cdot \left(\frac{2}{7}\right)^{-1} \cdot \left(\frac{2}{7}\right)^{11}}{\left(\frac{2}{7}\right)^4 \cdot \left(\frac{2}{7}\right)^{-2}}$$
$$\left(\frac{2}{7}\right)^4$$

$$\frac{\left(\frac{1}{8}\right)^{-3} \cdot \left(\frac{1}{8}\right)^5 \cdot \left(\frac{1}{8}\right)^{10} \cdot \left(\frac{1}{8}\right)^{-10}}{\left(\frac{1}{8}\right) \cdot \left(\frac{1}{8}\right)^{-5}}$$
$$\left(\frac{1}{8}\right)^6$$

$$\frac{\left(\frac{3}{5}\right)^7 \cdot \left(\frac{3}{5}\right)^{-9} \cdot \left(\frac{3}{5}\right)^9}{\left(\frac{3}{5}\right)^{-9}}$$
$$\left(\frac{3}{5}\right)^{16}$$

$$\frac{\left(\frac{2}{5}\right)^7 \cdot \left(\frac{2}{5}\right)^3 \cdot \left(\frac{2}{5}\right)^9 \cdot \left(\frac{2}{5}\right)^{-6}}{\left(\frac{2}{5}\right)^9 \cdot \left(\frac{2}{5}\right)^{-8}}$$
$$\left(\frac{2}{5}\right)^{12}$$

$$\frac{\left(\frac{3}{5}\right)^{-2} \cdot \left(\frac{3}{5}\right)^2 \cdot \left(\frac{3}{5}\right)^{-9}}{\left(\frac{3}{5}\right)^3}$$
$$\left(\frac{3}{5}\right)^{-12}$$

$$\frac{\left(\frac{1}{3}\right)^{11} \cdot \left(\frac{1}{3}\right)^9 \cdot \left(\frac{1}{3}\right)^3 \cdot \left(\frac{1}{3}\right)^{10}}{\left(\frac{1}{3}\right)^{-4} \cdot \left(\frac{1}{3}\right)^{-7}}$$
$$\left(\frac{1}{3}\right)^{44}$$

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

$$\frac{\left(\frac{1}{3}\right)^{-10} \cdot \left(\frac{1}{3}\right) \cdot \left(\frac{1}{3}\right)^{-9}}{\left(\frac{1}{3}\right)^{-18}}$$