



Đơn giản hóa số mũ phân số (Phép chia)

Tên: _____

Ngày tháng: _____ Điểm: _____

$$\frac{\left(\frac{1}{9}\right)^{-5} \cdot \left(\frac{1}{9}\right)^{-8} \cdot \left(\frac{1}{9}\right)^7 \cdot \left(\frac{1}{9}\right)^{-6}}{\left(\frac{1}{9}\right)^2 \cdot \left(\frac{1}{9}\right)}$$

$$\left(\frac{4}{5}\right)^{11} \cdot \left(\frac{4}{5}\right)^7 \cdot \left(\frac{4}{5}\right)^{-8}$$

$$\frac{\left(\frac{1}{4}\right)^{-6} \cdot \left(\frac{1}{4}\right)^{11} \cdot \left(\frac{1}{4}\right)^5 \cdot \left(\frac{1}{4}\right)^{-10}}{\left(\frac{1}{4}\right)^4 \cdot \left(\frac{1}{4}\right)^{-4}}$$

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

$$\frac{\left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right)^7 \cdot \left(\frac{1}{3}\right)^{-8} \cdot \left(\frac{1}{3}\right)^9}{\left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right)^{-4}}$$

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

$$\frac{\left(\frac{2}{9}\right)^4 \cdot \left(\frac{2}{9}\right)^3 \cdot \left(\frac{2}{9}\right)^{10} \cdot \left(\frac{2}{9}\right)^{-6}}{\left(\frac{2}{9}\right)^6 \cdot \left(\frac{2}{9}\right)^{-9}}$$

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

$$\frac{\left(\frac{1}{6}\right)^{-9} \cdot \left(\frac{1}{6}\right)^{10} \cdot \left(\frac{1}{6}\right)^8 \cdot \left(\frac{1}{6}\right)^{-4}}{\left(\frac{1}{6}\right)^6 \cdot \left(\frac{1}{6}\right)^{-3}}$$

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

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

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

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

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

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



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$$\frac{\left(\frac{1}{9}\right)^{-5} \cdot \left(\frac{1}{9}\right)^{-8} \cdot \left(\frac{1}{9}\right)^7 \cdot \left(\frac{1}{9}\right)^{-6}}{\left(\frac{1}{9}\right)^2 \cdot \left(\frac{1}{9}\right)} \quad \left(\frac{1}{9}\right)^{-15}$$

$$\frac{\left(\frac{4}{5}\right)^{11} \cdot \left(\frac{4}{5}\right)^7 \cdot \left(\frac{4}{5}\right)^{-8}}{\left(\frac{4}{5}\right)^{10}}$$

$$\frac{\left(\frac{1}{4}\right)^{-6} \cdot \left(\frac{1}{4}\right)^{11} \cdot \left(\frac{1}{4}\right)^5 \cdot \left(\frac{1}{4}\right)^{-10}}{\left(\frac{1}{4}\right)^4 \cdot \left(\frac{1}{4}\right)^{-4}} \quad \left(\frac{1}{4}\right)^0$$

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

$$\frac{\left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right)^7 \cdot \left(\frac{1}{3}\right)^{-8} \cdot \left(\frac{1}{3}\right)^9}{\left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right)^{-4}} \quad \left(\frac{1}{3}\right)^{12}$$

$$\frac{\left(\frac{3}{7}\right)^{-5} \cdot \left(\frac{3}{7}\right)^3 \cdot \left(\frac{3}{7}\right)^{-9} \cdot \left(\frac{3}{7}\right)^{-2}}{\left(\frac{3}{7}\right)^9 \cdot \left(\frac{3}{7}\right)^{-3}} \quad \left(\frac{3}{7}\right)^{-19}$$

$$\frac{\left(\frac{2}{9}\right)^4 \cdot \left(\frac{2}{9}\right)^3 \cdot \left(\frac{2}{9}\right)^{10} \cdot \left(\frac{2}{9}\right)^{-6}}{\left(\frac{2}{9}\right)^6 \cdot \left(\frac{2}{9}\right)^{-9}} \quad \left(\frac{2}{9}\right)^{14}$$

$$\frac{\left(\frac{1}{5}\right)^5 \cdot \left(\frac{1}{5}\right)^{10} \cdot \left(\frac{1}{5}\right)^{-9}}{\left(\frac{1}{5}\right)^6}$$

$$\frac{\left(\frac{1}{6}\right)^{-9} \cdot \left(\frac{1}{6}\right)^{10} \cdot \left(\frac{1}{6}\right)^8 \cdot \left(\frac{1}{6}\right)^{-4}}{\left(\frac{1}{6}\right)^6 \cdot \left(\frac{1}{6}\right)^{-3}} \quad \left(\frac{1}{6}\right)^2$$

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

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

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

$$\frac{\left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right)^{-3} \cdot \left(\frac{1}{3}\right)^3}{\left(\frac{1}{3}\right)^{-9}} \quad \left(\frac{1}{3}\right)^{13}$$

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

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