



Đơn giản hóa số mũ phân số (Phép chia)

Tên: _____

Ngày tháng: _____ Điểm: _____

$$\frac{\left(\frac{1}{4}\right)^4 \cdot \left(\frac{1}{4}\right)^{-7} \cdot \left(\frac{1}{4}\right)^{-10} \cdot \left(\frac{1}{4}\right)^{-6}}{\left(\frac{1}{4}\right)^{-5} \cdot \left(\frac{1}{4}\right)^4}$$

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

$$\frac{\left(\frac{2}{5}\right)^{11} \cdot \left(\frac{2}{5}\right)^8 \cdot \left(\frac{2}{5}\right)^{-7} \cdot \left(\frac{2}{5}\right)^{10}}{\left(\frac{2}{5}\right)^4 \cdot \left(\frac{2}{5}\right)^3}$$

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

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

$$\frac{\left(\frac{3}{7}\right)^{-3} \cdot \left(\frac{3}{7}\right)^2 \cdot \left(\frac{3}{7}\right)^{-9} \cdot \left(\frac{3}{7}\right)^{-8}}{\left(\frac{3}{7}\right)^7 \cdot \left(\frac{3}{7}\right)^{-4}}$$

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

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

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

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

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

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

$$\frac{\left(\frac{1}{9}\right)^5 \cdot \left(\frac{1}{9}\right)^4 \cdot \left(\frac{1}{9}\right)^2}{\left(\frac{1}{9}\right)^{-10}}$$

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

$$\frac{\left(\frac{2}{5}\right)^{10} \cdot \left(\frac{2}{5}\right)^{-3} \cdot \left(\frac{2}{5}\right)^{-5}}{\left(\frac{2}{5}\right)^{-8}}$$



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$$\frac{\left(\frac{1}{4}\right)^4 \cdot \left(\frac{1}{4}\right)^{-7} \cdot \left(\frac{1}{4}\right)^{-10} \cdot \left(\frac{1}{4}\right)^{-6}}{\left(\frac{1}{4}\right)^{-5} \cdot \left(\frac{1}{4}\right)^4} \quad \left(\frac{1}{4}\right)^{-18}$$

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

$$\frac{\left(\frac{2}{5}\right)^{11} \cdot \left(\frac{2}{5}\right)^8 \cdot \left(\frac{2}{5}\right)^{-7} \cdot \left(\frac{2}{5}\right)^{10}}{\left(\frac{2}{5}\right)^4 \cdot \left(\frac{2}{5}\right)^3} \quad \left(\frac{2}{5}\right)^{15}$$

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

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

$$\frac{\left(\frac{3}{7}\right)^{-3} \cdot \left(\frac{3}{7}\right)^2 \cdot \left(\frac{3}{7}\right)^{-9} \cdot \left(\frac{3}{7}\right)^{-8}}{\left(\frac{3}{7}\right)^7 \cdot \left(\frac{3}{7}\right)^{-4}} \quad \left(\frac{3}{7}\right)^{-21}$$

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

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

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

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

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

$$\frac{\left(\frac{4}{5}\right)^2 \cdot \left(\frac{4}{5}\right)^{-10} \cdot \left(\frac{4}{5}\right)^8}{\left(\frac{4}{5}\right)^0}$$

$$\frac{\left(\frac{1}{9}\right)^5 \cdot \left(\frac{1}{9}\right)^4 \cdot \left(\frac{1}{9}\right)^2}{\left(\frac{1}{9}\right)^{-10}} \quad \left(\frac{1}{9}\right)^{21}$$

$$\frac{\left(\frac{1}{5}\right)^3 \cdot \left(\frac{1}{5}\right)^{-1} \cdot \left(\frac{1}{5}\right)^4}{\left(\frac{1}{5}\right)^6}$$

$$\frac{\left(\frac{2}{5}\right)^{10} \cdot \left(\frac{2}{5}\right)^{-3} \cdot \left(\frac{2}{5}\right)^{-5}}{\left(\frac{2}{5}\right)^{-8}} \quad \left(\frac{2}{5}\right)^{10}$$