



분수 지수 단순화 (나눗셈)

이름: \_\_\_\_\_

날짜: \_\_\_\_\_ 점수: \_\_\_\_\_

$$\frac{\left(\frac{4}{5}\right)^{10} \cdot \left(\frac{4}{5}\right) \cdot \left(\frac{4}{5}\right)^{-9}}{\left(\frac{4}{5}\right)^{-3}}$$

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

$$\left(\frac{1}{6}\right)^{-1} \cdot \left(\frac{1}{6}\right)^{11} \cdot \left(\frac{1}{6}\right)^{-3}$$

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

$$\left(\frac{1}{3}\right)^7 \cdot \left(\frac{1}{3}\right)^{-3} \cdot \left(\frac{1}{3}\right)^{-6}$$

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

$$\frac{\left(\frac{4}{5}\right)^5 \cdot \left(\frac{4}{5}\right)^{-6} \cdot \left(\frac{4}{5}\right)^{-7} \cdot \left(\frac{4}{5}\right)^{-10}}{\left(\frac{4}{5}\right)^5 \cdot \left(\frac{4}{5}\right)^{-9}}$$

$$\frac{\left(\frac{1}{3}\right)^{-4} \cdot \left(\frac{1}{3}\right)^{-7} \cdot \left(\frac{1}{3}\right)^{-5}}{\left(\frac{1}{3}\right)^6}$$

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

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

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

$$\frac{\left(\frac{3}{5}\right)^2 \cdot \left(\frac{3}{5}\right)^{-9} \cdot \left(\frac{3}{5}\right)^{-10}}{\left(\frac{3}{5}\right)^{-2}}$$

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

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

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



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$$\frac{\left(\frac{4}{5}\right)^{10} \cdot \left(\frac{4}{5}\right) \cdot \left(\frac{4}{5}\right)^{-9}}{\left(\frac{4}{5}\right)^{-3}}$$

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

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

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

$$\left(\frac{1}{6}\right)^{-1} \cdot \left(\frac{1}{6}\right)^{11} \cdot \left(\frac{1}{6}\right)^{-3}$$

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

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

$$\left(\frac{2}{7}\right)^8$$

$$\left(\frac{1}{3}\right)^7 \cdot \left(\frac{1}{3}\right)^{-3} \cdot \left(\frac{1}{3}\right)^{-6}$$

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

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

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

$$\frac{\left(\frac{4}{5}\right)^5 \cdot \left(\frac{4}{5}\right)^{-6} \cdot \left(\frac{4}{5}\right)^{-7} \cdot \left(\frac{4}{5}\right)^{-10}}{\left(\frac{4}{5}\right)^5 \cdot \left(\frac{4}{5}\right)^{-9}}$$

$$\left(\frac{4}{5}\right)^{-14}$$

$$\frac{\left(\frac{1}{3}\right)^{-4} \cdot \left(\frac{1}{3}\right)^{-7} \cdot \left(\frac{1}{3}\right)^{-5}}{\left(\frac{1}{3}\right)^6}$$

$$\left(\frac{1}{3}\right)^{-22}$$

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

$$\left(\frac{4}{9}\right)^{12}$$

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

$$\left(\frac{1}{6}\right)^{-12}$$

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

$$\left(\frac{2}{7}\right)^{-17}$$

$$\frac{\left(\frac{3}{5}\right)^2 \cdot \left(\frac{3}{5}\right)^{-9} \cdot \left(\frac{3}{5}\right)^{-10}}{\left(\frac{3}{5}\right)^{-2}}$$

$$\left(\frac{3}{5}\right)^{-15}$$

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

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

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

$$\left(\frac{1}{3}\right)^{-16}$$

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

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