



분수 지수 단순화 (나눗셈)

이름: _____

날짜: _____ 점수: _____

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

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

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

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

$$\left(\frac{1}{7}\right)^2 \cdot \left(\frac{1}{7}\right)^6 \cdot \left(\frac{1}{7}\right)^{-10}$$

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

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

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

$$\left(\frac{3}{8}\right)^5 \cdot \left(\frac{3}{8}\right)^4 \cdot \left(\frac{3}{8}\right)^3$$

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

$$\frac{\left(\frac{4}{9}\right)^7 \cdot \left(\frac{4}{9}\right)^9 \cdot \left(\frac{4}{9}\right)^{-2} \cdot \left(\frac{4}{9}\right)^{-10}}{\left(\frac{4}{9}\right)^{11} \cdot \left(\frac{4}{9}\right)^{-4}}$$

$$\frac{\left(\frac{3}{8}\right)^6 \cdot \left(\frac{3}{8}\right)^6 \cdot \left(\frac{3}{8}\right)^7 \cdot \left(\frac{3}{8}\right)^{-4}}{\left(\frac{3}{8}\right)^{-4} \cdot \left(\frac{3}{8}\right)^5}$$

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

$$\frac{\left(\frac{2}{5}\right)^4 \cdot \left(\frac{2}{5}\right)^{-9} \cdot \left(\frac{2}{5}\right)^{-5} \cdot \left(\frac{2}{5}\right)^{-8}}{\left(\frac{2}{5}\right)^{-8} \cdot \left(\frac{2}{5}\right)}$$

$$\frac{\left(\frac{1}{6}\right)^{-7} \cdot \left(\frac{1}{6}\right)^3 \cdot \left(\frac{1}{6}\right)^{-3}}{\left(\frac{1}{6}\right)^{-10}}$$



이름: _____

날짜: _____ 점수: _____

$$\frac{\left(\frac{3}{8}\right)^{-10} \cdot \left(\frac{3}{8}\right)^{-10} \cdot \left(\frac{3}{8}\right)^{-7}}{\left(\frac{3}{8}\right)^{-27}}$$

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

$$\left(\frac{1}{8}\right)^{-31}$$

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

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

$$\left(\frac{3}{7}\right)^{23}$$

$$\frac{\left(\frac{1}{7}\right)^2 \cdot \left(\frac{1}{7}\right)^6 \cdot \left(\frac{1}{7}\right)^{-10}}{\left(\frac{1}{7}\right)^{-2}}$$

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

$$\left(\frac{1}{7}\right)^{-10}$$

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

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

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

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

$$\frac{\left(\frac{3}{8}\right)^5 \cdot \left(\frac{3}{8}\right)^4 \cdot \left(\frac{3}{8}\right)^3}{\left(\frac{3}{8}\right)^{12}}$$

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

$$\frac{\left(\frac{4}{9}\right)^7 \cdot \left(\frac{4}{9}\right)^9 \cdot \left(\frac{4}{9}\right)^{-2} \cdot \left(\frac{4}{9}\right)^{-10}}{\left(\frac{4}{9}\right)^{11} \cdot \left(\frac{4}{9}\right)^{-4}}$$

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

$$\frac{\left(\frac{3}{8}\right)^6 \cdot \left(\frac{3}{8}\right)^6 \cdot \left(\frac{3}{8}\right)^7 \cdot \left(\frac{3}{8}\right)^{-4}}{\left(\frac{3}{8}\right)^{-4} \cdot \left(\frac{3}{8}\right)^5}$$

$$\left(\frac{3}{8}\right)^{14}$$

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

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

$$\frac{\left(\frac{2}{5}\right)^4 \cdot \left(\frac{2}{5}\right)^{-9} \cdot \left(\frac{2}{5}\right)^{-5} \cdot \left(\frac{2}{5}\right)^{-8}}{\left(\frac{2}{5}\right)^{-8} \cdot \left(\frac{2}{5}\right)}$$

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

$$\frac{\left(\frac{1}{6}\right)^{-7} \cdot \left(\frac{1}{6}\right)^3 \cdot \left(\frac{1}{6}\right)^{-3}}{\left(\frac{1}{6}\right)^{-10}}$$

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