



분수 지수 단순화 (나눗셈)

이름: \_\_\_\_\_

날짜: \_\_\_\_\_ 점수: \_\_\_\_\_

$$\frac{\left(\frac{1}{5}\right)^{-5} \cdot \left(\frac{1}{5}\right)^{10} \cdot \left(\frac{1}{5}\right)^8 \cdot \left(\frac{1}{5}\right)^{11}}{\left(\frac{1}{5}\right)^{-7} \cdot \left(\frac{1}{5}\right)^5}$$

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

$$\frac{\left(\frac{4}{5}\right)^{-1} \cdot \left(\frac{4}{5}\right)^{-7} \cdot \left(\frac{4}{5}\right)^{-2}}{\left(\frac{4}{5}\right)^2}$$

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

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

$$\frac{\left(\frac{1}{9}\right)^{-10} \cdot \left(\frac{1}{9}\right)^{-8} \cdot \left(\frac{1}{9}\right)^{-8} \cdot \left(\frac{1}{9}\right)^{-9}}{\left(\frac{1}{9}\right)^{-5} \cdot \left(\frac{1}{9}\right)^{-2}}$$

$$\frac{\left(\frac{1}{9}\right)^2 \cdot \left(\frac{1}{9}\right)^{-4} \cdot \left(\frac{1}{9}\right)^7}{\left(\frac{1}{9}\right)^3}$$

$$\frac{\left(\frac{1}{8}\right)^{-1} \cdot \left(\frac{1}{8}\right)^9 \cdot \left(\frac{1}{8}\right)^{-9} \cdot \left(\frac{1}{8}\right)^{-5}}{\left(\frac{1}{8}\right)^3 \cdot \left(\frac{1}{8}\right)^{-8}}$$

$$\frac{\left(\frac{1}{8}\right)^{-5} \cdot \left(\frac{1}{8}\right)^{-3} \cdot \left(\frac{1}{8}\right)^{-5} \cdot \left(\frac{1}{8}\right)^4}{\left(\frac{1}{8}\right) \cdot \left(\frac{1}{8}\right)^{-9}}$$

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

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

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

$$\left(\frac{1}{6}\right)^{-9} \cdot \left(\frac{1}{6}\right)^{11} \cdot \left(\frac{1}{6}\right)^{-5}$$

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

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