



분수 지수 단순화 (곱하기)

이름: _____

날짜: _____ 점수: _____

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

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

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

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

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

$$\left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^7 \cdot \left(\frac{1}{2}\right)^{11} \cdot \left(\frac{1}{2}\right)^{-4}$$

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

$$\left(\frac{1}{5}\right)^7 \cdot \left(\frac{1}{5}\right)^{11} \cdot \left(\frac{1}{5}\right) \cdot \left(\frac{1}{5}\right)^{-4}$$

$$\left(\frac{1}{4}\right)^2 \cdot \left(\frac{1}{4}\right)^8 \cdot \left(\frac{1}{4}\right)^7 \cdot \left(\frac{1}{4}\right)^{-3}$$

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

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

$$\left(\frac{4}{5}\right)^6 \cdot \left(\frac{4}{5}\right)^{-8} \cdot \left(\frac{4}{5}\right)^9 \cdot \left(\frac{4}{5}\right)^7$$

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

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

$$\left(\frac{2}{7}\right)^4 \cdot \left(\frac{2}{7}\right)^6 \cdot \left(\frac{2}{7}\right)^7$$



분수 지수 단순화 (곱하기)

이름: _____

날짜: _____ 점수: _____

$$\left(\frac{4}{7}\right)^6 \cdot \left(\frac{4}{7}\right)^9$$
$$\left(\frac{4}{7}\right)^{15}$$

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

$$\left(\frac{1}{7}\right)^{-5} \cdot \left(\frac{1}{7}\right)^{-5} \cdot \left(\frac{1}{7}\right)^{-8} \cdot \left(\frac{1}{7}\right)^6$$
$$\left(\frac{1}{7}\right)^{-12}$$

$$\left(\frac{4}{7}\right)^4 \cdot \left(\frac{4}{7}\right)^6 \cdot \left(\frac{4}{7}\right)^3$$
$$\left(\frac{4}{7}\right)^{13}$$

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

$$\left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^7 \cdot \left(\frac{1}{2}\right)^{11} \cdot \left(\frac{1}{2}\right)^{-4}$$
$$\left(\frac{1}{2}\right)^9$$

$$\left(\frac{4}{5}\right)^{-6} \cdot \left(\frac{4}{5}\right)^{-4} \cdot \left(\frac{4}{5}\right)^{-3}$$
$$\left(\frac{4}{5}\right)^{-13}$$

$$\left(\frac{1}{5}\right)^7 \cdot \left(\frac{1}{5}\right)^{11} \cdot \left(\frac{1}{5}\right) \cdot \left(\frac{1}{5}\right)^{-4}$$
$$\left(\frac{1}{5}\right)^{15}$$

$$\left(\frac{1}{4}\right)^2 \cdot \left(\frac{1}{4}\right)^8 \cdot \left(\frac{1}{4}\right)^7 \cdot \left(\frac{1}{4}\right)^{-3}$$
$$\left(\frac{1}{4}\right)^{14}$$

$$\left(\frac{1}{3}\right)^{-1} \cdot \left(\frac{1}{3}\right)^{-4} \cdot \left(\frac{1}{3}\right)^{-9}$$
$$\left(\frac{1}{3}\right)^{-14}$$

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

$$\left(\frac{4}{5}\right)^6 \cdot \left(\frac{4}{5}\right)^{-8} \cdot \left(\frac{4}{5}\right)^9 \cdot \left(\frac{4}{5}\right)^7$$
$$\left(\frac{4}{5}\right)^{14}$$

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

$$\left(\frac{1}{9}\right)^{-2} \cdot \left(\frac{1}{9}\right)^{10} \cdot \left(\frac{1}{9}\right)^4 \cdot \left(\frac{1}{9}\right)^{-5}$$
$$\left(\frac{1}{9}\right)^7$$

$$\left(\frac{2}{7}\right)^4 \cdot \left(\frac{2}{7}\right)^6 \cdot \left(\frac{2}{7}\right)^7$$
$$\left(\frac{2}{7}\right)^{17}$$