



분수 지수 단순화 (곱하기)

이름: _____

날짜: _____ 점수: _____

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

$$\left(\frac{1}{3}\right)^5 \cdot \left(\frac{1}{3}\right)^{-2}$$

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

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

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

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

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

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

$$\left(\frac{3}{7}\right)^{-10} \cdot \left(\frac{3}{7}\right)^{10} \cdot \left(\frac{3}{7}\right)^{-9} \cdot \left(\frac{3}{7}\right)^{-10}$$

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

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

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

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

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

$$\left(\frac{1}{2}\right)^{-10} \cdot \left(\frac{1}{2}\right)^{-8} \cdot \left(\frac{1}{2}\right)^{-9} \cdot \left(\frac{1}{2}\right)^4$$



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날짜: _____ 점수: _____

$$\left(\frac{4}{9}\right)^{-10} \cdot \left(\frac{4}{9}\right)^{-2}$$
$$\left(\frac{4}{9}\right)^{-12}$$

$$\left(\frac{1}{3}\right)^5 \cdot \left(\frac{1}{3}\right)^{-2}$$
$$\left(\frac{1}{3}\right)^3$$

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

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

$$\left(\frac{4}{5}\right)^9 \cdot \left(\frac{4}{5}\right)^{-3} \cdot \left(\frac{4}{5}\right)^{-4} \cdot \left(\frac{4}{5}\right)^8$$
$$\left(\frac{4}{5}\right)^{10}$$

$$\left(\frac{1}{7}\right)^{-2} \cdot \left(\frac{1}{7}\right)^{10} \cdot \left(\frac{1}{7}\right)^6 \cdot \left(\frac{1}{7}\right)^{10}$$
$$\left(\frac{1}{7}\right)^{24}$$

$$\left(\frac{1}{6}\right)^5 \cdot \left(\frac{1}{6}\right)^{-3}$$
$$\left(\frac{1}{6}\right)^2$$

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

$$\left(\frac{3}{7}\right)^{-10} \cdot \left(\frac{3}{7}\right)^{10} \cdot \left(\frac{3}{7}\right)^{-9} \cdot \left(\frac{3}{7}\right)^{-10}$$
$$\left(\frac{3}{7}\right)^{-19}$$

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

$$\left(\frac{1}{6}\right)^{-6} \cdot \left(\frac{1}{6}\right)^{-8} \cdot \left(\frac{1}{6}\right)^{-6}$$
$$\left(\frac{1}{6}\right)^{-20}$$

$$\left(\frac{1}{3}\right)^8 \cdot \left(\frac{1}{3}\right)^5$$
$$\left(\frac{1}{3}\right)^{13}$$

$$\left(\frac{1}{3}\right)^{11} \cdot \left(\frac{1}{3}\right)^{-6} \cdot \left(\frac{1}{3}\right)^{11} \cdot \left(\frac{1}{3}\right)^3$$
$$\left(\frac{1}{3}\right)^{19}$$

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

$$\left(\frac{1}{2}\right)^{-10} \cdot \left(\frac{1}{2}\right)^{-8} \cdot \left(\frac{1}{2}\right)^{-9} \cdot \left(\frac{1}{2}\right)^4$$
$$\left(\frac{1}{2}\right)^{-23}$$