



簡化分數指數(乘法)

姓名: _____

日期: _____ 分數: _____

$$\left(\frac{1}{2}\right)^2 \cdot \left(\frac{1}{2}\right)^6 \cdot \left(\frac{1}{2}\right)^{-8} \cdot \left(\frac{1}{2}\right)^{-4}$$

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

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

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

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

$$\left(\frac{3}{7}\right)^4 \cdot \left(\frac{3}{7}\right)^{-3} \cdot \left(\frac{3}{7}\right)^9 \cdot \left(\frac{3}{7}\right)^8$$

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

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

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

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

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

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

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

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

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



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$$\left(\frac{1}{2}\right)^2 \cdot \left(\frac{1}{2}\right)^6 \cdot \left(\frac{1}{2}\right)^{-8} \cdot \left(\frac{1}{2}\right)^{-4}$$
$$\left(\frac{1}{2}\right)^{-4}$$

$$\left(\frac{1}{3}\right)^{-6} \cdot \left(\frac{1}{3}\right)^{-6} \cdot \left(\frac{1}{3}\right)^{-6}$$
$$\left(\frac{1}{3}\right)^{-18}$$

$$\left(\frac{1}{7}\right)^{-10} \cdot \left(\frac{1}{7}\right)^{-5}$$
$$\left(\frac{1}{7}\right)^{-15}$$

$$\left(\frac{1}{7}\right)^{-6} \cdot \left(\frac{1}{7}\right)^{-10}$$
$$\left(\frac{1}{7}\right)^{-16}$$

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

$$\left(\frac{3}{7}\right)^4 \cdot \left(\frac{3}{7}\right)^{-3} \cdot \left(\frac{3}{7}\right)^9 \cdot \left(\frac{3}{7}\right)^8$$
$$\left(\frac{3}{7}\right)^{18}$$

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

$$\left(\frac{1}{3}\right)^{11} \cdot \left(\frac{1}{3}\right)^{-9}$$
$$\left(\frac{1}{3}\right)^2$$

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

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

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

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

$$\left(\frac{3}{8}\right)^6 \cdot \left(\frac{3}{8}\right)^{-5} \cdot \left(\frac{3}{8}\right)^4 \cdot \left(\frac{3}{8}\right)^7$$
$$\left(\frac{3}{8}\right)^{12}$$

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

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