



簡化分數指數(乘法)

姓名: _____

日期: _____ 分數: _____

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

$$\left(\frac{1}{8}\right)^{-5} \cdot \left(\frac{1}{8}\right)^{-7} \cdot \left(\frac{1}{8}\right)^{-9}$$

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

$$\left(\frac{1}{3}\right)^{-2} \cdot \left(\frac{1}{3}\right)^{10} \cdot \left(\frac{1}{3}\right)^5$$

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

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

$$\left(\frac{4}{5}\right)^{-8} \cdot \left(\frac{4}{5}\right)^{11} \cdot \left(\frac{4}{5}\right)^{10} \cdot \left(\frac{4}{5}\right)^{11}$$

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

$$\left(\frac{2}{9}\right)^{10} \cdot \left(\frac{2}{9}\right)^{-3} \cdot \left(\frac{2}{9}\right)^9 \cdot \left(\frac{2}{9}\right)$$

$$\left(\frac{3}{7}\right)^2 \cdot \left(\frac{3}{7}\right)^{11}$$

$$\left(\frac{2}{3}\right)^{-8} \cdot \left(\frac{2}{3}\right)^{10} \cdot \left(\frac{2}{3}\right) \cdot \left(\frac{2}{3}\right)^{-2}$$

$$\left(\frac{1}{9}\right)^{-3} \cdot \left(\frac{1}{9}\right)^{-6} \cdot \left(\frac{1}{9}\right)^{11}$$

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

$$\left(\frac{1}{2}\right)^{-9} \cdot \left(\frac{1}{2}\right)^{-8} \cdot \left(\frac{1}{2}\right)^{11} \cdot \left(\frac{1}{2}\right)^{10}$$

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



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

$$\left(\frac{1}{8}\right)^{-5} \cdot \left(\frac{1}{8}\right)^{-7} \cdot \left(\frac{1}{8}\right)^{-9}$$
$$\left(\frac{1}{8}\right)^{-21}$$

$$\left(\frac{1}{2}\right)^5 \cdot \left(\frac{1}{2}\right)^7$$
$$\left(\frac{1}{2}\right)^{12}$$

$$\left(\frac{1}{3}\right)^{-2} \cdot \left(\frac{1}{3}\right)^{10} \cdot \left(\frac{1}{3}\right)^5$$
$$\left(\frac{1}{3}\right)^{13}$$

$$\left(\frac{1}{2}\right)^7 \cdot \left(\frac{1}{2}\right)^7$$
$$\left(\frac{1}{2}\right)^{14}$$

$$\left(\frac{1}{3}\right)^9 \cdot \left(\frac{1}{3}\right)^8$$
$$\left(\frac{1}{3}\right)^{17}$$

$$\left(\frac{4}{5}\right)^{-8} \cdot \left(\frac{4}{5}\right)^{11} \cdot \left(\frac{4}{5}\right)^{10} \cdot \left(\frac{4}{5}\right)^{11}$$
$$\left(\frac{4}{5}\right)^{24}$$

$$\left(\frac{1}{3}\right)^{10} \cdot \left(\frac{1}{3}\right)^{-3} \cdot \left(\frac{1}{3}\right)$$
$$\left(\frac{1}{3}\right)^8$$

$$\left(\frac{2}{9}\right)^{10} \cdot \left(\frac{2}{9}\right)^{-3} \cdot \left(\frac{2}{9}\right)^9 \cdot \left(\frac{2}{9}\right)$$
$$\left(\frac{2}{9}\right)^{17}$$

$$\left(\frac{3}{7}\right)^2 \cdot \left(\frac{3}{7}\right)^{11}$$
$$\left(\frac{3}{7}\right)^{13}$$

$$\left(\frac{2}{3}\right)^{-8} \cdot \left(\frac{2}{3}\right)^{10} \cdot \left(\frac{2}{3}\right) \cdot \left(\frac{2}{3}\right)^{-2}$$
$$\left(\frac{2}{3}\right)$$

$$\left(\frac{1}{9}\right)^{-3} \cdot \left(\frac{1}{9}\right)^{-6} \cdot \left(\frac{1}{9}\right)^{11}$$
$$\left(\frac{1}{9}\right)^2$$

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

$$\left(\frac{1}{2}\right)^{-9} \cdot \left(\frac{1}{2}\right)^{-8} \cdot \left(\frac{1}{2}\right)^{11} \cdot \left(\frac{1}{2}\right)^{10}$$
$$\left(\frac{1}{2}\right)^4$$

$$\left(\frac{4}{5}\right)^{-4} \cdot \left(\frac{4}{5}\right)^{-10}$$
$$\left(\frac{4}{5}\right)^{-14}$$