



## 簡化分數指數(乘法)

姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分數: \_\_\_\_\_

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

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

$$\left(\frac{1}{7}\right)^{-9} \cdot \left(\frac{1}{7}\right)^{-8} \cdot \left(\frac{1}{7}\right)^{-4} \cdot \left(\frac{1}{7}\right)^3$$

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

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

$$\left(\frac{1}{4}\right)^{-5} \cdot \left(\frac{1}{4}\right) \cdot \left(\frac{1}{4}\right)^{-8} \cdot \left(\frac{1}{4}\right)^{-2}$$

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

$$\left(\frac{2}{7}\right) \cdot \left(\frac{2}{7}\right)^{-8} \cdot \left(\frac{2}{7}\right)^{-5}$$

$$\left(\frac{3}{7}\right)^3 \cdot \left(\frac{3}{7}\right)^{-4} \cdot \left(\frac{3}{7}\right)^{11} \cdot \left(\frac{3}{7}\right)^{-9}$$

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

$$\left(\frac{1}{7}\right)^{11} \cdot \left(\frac{1}{7}\right)^{-2} \cdot \left(\frac{1}{7}\right)^{10}$$

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

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

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

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



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

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

$$\left(\frac{1}{7}\right)^{-9} \cdot \left(\frac{1}{7}\right)^{-8} \cdot \left(\frac{1}{7}\right)^{-4} \cdot \left(\frac{1}{7}\right)^3$$
$$\left(\frac{1}{7}\right)^{-18}$$

$$\left(\frac{1}{2}\right)^{-9} \cdot \left(\frac{1}{2}\right)^0 \cdot \left(\frac{1}{2}\right)^{-1}$$
$$\left(\frac{1}{2}\right)^{-9}$$

$$\left(\frac{1}{5}\right)^{-6} \cdot \left(\frac{1}{5}\right)^{-8}$$
$$\left(\frac{1}{5}\right)^{-14}$$

$$\left(\frac{1}{4}\right)^{-5} \cdot \left(\frac{1}{4}\right)^0 \cdot \left(\frac{1}{4}\right)^{-8} \cdot \left(\frac{1}{4}\right)^{-2}$$
$$\left(\frac{1}{4}\right)^{-14}$$

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

$$\left(\frac{2}{7}\right)^0 \cdot \left(\frac{2}{7}\right)^{-8} \cdot \left(\frac{2}{7}\right)^{-5}$$
$$\left(\frac{2}{7}\right)^{-12}$$

$$\left(\frac{3}{7}\right)^3 \cdot \left(\frac{3}{7}\right)^{-4} \cdot \left(\frac{3}{7}\right)^{11} \cdot \left(\frac{3}{7}\right)^{-9}$$
$$\left(\frac{3}{7}\right)^0$$

$$\left(\frac{1}{3}\right)^{-4} \cdot \left(\frac{1}{3}\right)^{-8}$$
$$\left(\frac{1}{3}\right)^{-12}$$

$$\left(\frac{1}{7}\right)^{11} \cdot \left(\frac{1}{7}\right)^{-2} \cdot \left(\frac{1}{7}\right)^{10}$$
$$\left(\frac{1}{7}\right)^{19}$$

$$\left(\frac{4}{7}\right)^{-10} \cdot \left(\frac{4}{7}\right)^{-1} \cdot \left(\frac{4}{7}\right)^{-5}$$
$$\left(\frac{4}{7}\right)^{-16}$$

$$\left(\frac{1}{2}\right)^{-2} \cdot \left(\frac{1}{2}\right)^0$$
$$\left(\frac{1}{2}\right)^{-2}$$

$$\left(\frac{1}{3}\right)^5 \cdot \left(\frac{1}{3}\right)^{-5}$$
$$\left(\frac{1}{3}\right)^0$$

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