



## 簡化分數指數(乘法)

姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分數: \_\_\_\_\_

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

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

$$\left(\frac{3}{7}\right)^8 \cdot \left(\frac{3}{7}\right)^{11}$$

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

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

$$\left(\frac{1}{6}\right)^{-7} \cdot \left(\frac{1}{6}\right)^{11}$$

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

$$\left(\frac{1}{3}\right)^8 \cdot \left(\frac{1}{3}\right)^6 \cdot \left(\frac{1}{3}\right)^7$$

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

$$\left(\frac{1}{3}\right)^8 \cdot \left(\frac{1}{3}\right)^5 \cdot \left(\frac{1}{3}\right)^{-4}$$

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

$$\left(\frac{2}{9}\right)^5 \cdot \left(\frac{2}{9}\right)^{-1} \cdot \left(\frac{2}{9}\right)^4 \cdot \left(\frac{2}{9}\right)^{-8}$$

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

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

$$\left(\frac{1}{9}\right)^{-10} \cdot \left(\frac{1}{9}\right)^{-8} \cdot \left(\frac{1}{9}\right)^{-7}$$



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

$$\left(\frac{3}{8}\right)^6 \cdot \left(\frac{3}{8}\right)^4$$
$$\left(\frac{3}{8}\right)^{10}$$

$$\left(\frac{3}{7}\right)^8 \cdot \left(\frac{3}{7}\right)^{11}$$
$$\left(\frac{3}{7}\right)^{19}$$

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

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

$$\left(\frac{1}{6}\right)^{-7} \cdot \left(\frac{1}{6}\right)^{11}$$
$$\left(\frac{1}{6}\right)^4$$

$$\left(\frac{1}{2}\right)^{-6} \cdot \left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^3$$
$$\left(\frac{1}{2}\right)^{-8}$$

$$\left(\frac{1}{3}\right)^8 \cdot \left(\frac{1}{3}\right)^6 \cdot \left(\frac{1}{3}\right)^7$$
$$\left(\frac{1}{3}\right)^{21}$$

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

$$\left(\frac{1}{3}\right)^8 \cdot \left(\frac{1}{3}\right)^5 \cdot \left(\frac{1}{3}\right)^{-4}$$
$$\left(\frac{1}{3}\right)^9$$

$$\left(\frac{4}{5}\right)^{11} \cdot \left(\frac{4}{5}\right)^2$$
$$\left(\frac{4}{5}\right)^{13}$$

$$\left(\frac{2}{9}\right)^5 \cdot \left(\frac{2}{9}\right)^{-1} \cdot \left(\frac{2}{9}\right)^4 \cdot \left(\frac{2}{9}\right)^{-8}$$
$$\left(\frac{2}{9}\right)^0$$

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

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

$$\left(\frac{1}{9}\right)^{-10} \cdot \left(\frac{1}{9}\right)^{-8} \cdot \left(\frac{1}{9}\right)^{-7}$$
$$\left(\frac{1}{9}\right)^{-25}$$