



## 簡化分數指數(乘法)

姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分數: \_\_\_\_\_

$$\left(\frac{2}{9}\right)^{11} \cdot \left(\frac{2}{9}\right)^{-2} \cdot \left(\frac{2}{9}\right)^{10} \cdot \left(\frac{2}{9}\right)^5$$

$$\left(\frac{2}{7}\right)^{-10} \cdot \left(\frac{2}{7}\right)^6 \cdot \left(\frac{2}{7}\right)^{-6} \cdot \left(\frac{2}{7}\right)^4$$

$$\left(\frac{3}{8}\right)^{-5} \cdot \left(\frac{3}{8}\right)^3 \cdot \left(\frac{3}{8}\right)^{11} \cdot \left(\frac{3}{8}\right)$$

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

$$\left(\frac{3}{8}\right)^{11} \cdot \left(\frac{3}{8}\right)^{11} \cdot \left(\frac{3}{8}\right)^{-2} \cdot \left(\frac{3}{8}\right)^2$$

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

$$\left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^{-10} \cdot \left(\frac{1}{2}\right)^8 \cdot \left(\frac{1}{2}\right)^{10}$$

$$\left(\frac{1}{9}\right)^{-1} \cdot \left(\frac{1}{9}\right)^{-10} \cdot \left(\frac{1}{9}\right)^{-3} \cdot \left(\frac{1}{9}\right)^{10}$$

$$\left(\frac{4}{9}\right)^{-7} \cdot \left(\frac{4}{9}\right)^{-6} \cdot \left(\frac{4}{9}\right)^8 \cdot \left(\frac{4}{9}\right)^9$$

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

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

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

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

$$\left(\frac{1}{5}\right)^{11} \cdot \left(\frac{1}{5}\right)^{-3} \cdot \left(\frac{1}{5}\right)^{-7}$$

$$\left(\frac{1}{6}\right)^{11} \cdot \left(\frac{1}{6}\right)^{-1} \cdot \left(\frac{1}{6}\right)^{-4} \cdot \left(\frac{1}{6}\right)^5$$



姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分數: \_\_\_\_\_

$$\left(\frac{2}{9}\right)^{11} \cdot \left(\frac{2}{9}\right)^{-2} \cdot \left(\frac{2}{9}\right)^{10} \cdot \left(\frac{2}{9}\right)^5$$
$$\left(\frac{2}{9}\right)^{24}$$

$$\left(\frac{2}{7}\right)^{-10} \cdot \left(\frac{2}{7}\right)^6 \cdot \left(\frac{2}{7}\right)^{-6} \cdot \left(\frac{2}{7}\right)^4$$
$$\left(\frac{2}{7}\right)^{-6}$$

$$\left(\frac{3}{8}\right)^{-5} \cdot \left(\frac{3}{8}\right)^3 \cdot \left(\frac{3}{8}\right)^{11} \cdot \left(\frac{3}{8}\right)$$
$$\left(\frac{3}{8}\right)^{10}$$

$$\left(\frac{4}{9}\right)^3 \cdot \left(\frac{4}{9}\right)^7$$
$$\left(\frac{4}{9}\right)^{10}$$

$$\left(\frac{3}{8}\right)^{11} \cdot \left(\frac{3}{8}\right)^{11} \cdot \left(\frac{3}{8}\right)^{-2} \cdot \left(\frac{3}{8}\right)^2$$
$$\left(\frac{3}{8}\right)^{22}$$

$$\left(\frac{1}{7}\right)^{11} \cdot \left(\frac{1}{7}\right)^{11} \cdot \left(\frac{1}{7}\right)^{10}$$
$$\left(\frac{1}{7}\right)^{32}$$

$$\left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^{-10} \cdot \left(\frac{1}{2}\right)^8 \cdot \left(\frac{1}{2}\right)^{10}$$
$$\left(\frac{1}{2}\right)^3$$

$$\left(\frac{1}{9}\right)^{-1} \cdot \left(\frac{1}{9}\right)^{-10} \cdot \left(\frac{1}{9}\right)^{-3} \cdot \left(\frac{1}{9}\right)^{10}$$
$$\left(\frac{1}{9}\right)^{-4}$$

$$\left(\frac{4}{9}\right)^{-7} \cdot \left(\frac{4}{9}\right)^{-6} \cdot \left(\frac{4}{9}\right)^8 \cdot \left(\frac{4}{9}\right)^9$$
$$\left(\frac{4}{9}\right)^4$$

$$\left(\frac{1}{9}\right)^{-6} \cdot \left(\frac{1}{9}\right)^{-9}$$
$$\left(\frac{1}{9}\right)^{-15}$$

$$\left(\frac{1}{2}\right)^{-4} \cdot \left(\frac{1}{2}\right) \cdot \left(\frac{1}{2}\right)^9$$
$$\left(\frac{1}{2}\right)^6$$

$$\left(\frac{3}{8}\right)^{-8} \cdot \left(\frac{3}{8}\right)^{-6} \cdot \left(\frac{3}{8}\right)^{-1}$$
$$\left(\frac{3}{8}\right)^{-15}$$

$$\left(\frac{1}{5}\right)^{-10} \cdot \left(\frac{1}{5}\right)^3$$
$$\left(\frac{1}{5}\right)^{-7}$$

$$\left(\frac{1}{5}\right)^{11} \cdot \left(\frac{1}{5}\right)^{-3} \cdot \left(\frac{1}{5}\right)^{-7}$$
$$\left(\frac{1}{5}\right)$$

$$\left(\frac{1}{6}\right)^{11} \cdot \left(\frac{1}{6}\right)^{-1} \cdot \left(\frac{1}{6}\right)^{-4} \cdot \left(\frac{1}{6}\right)^5$$
$$\left(\frac{1}{6}\right)^{11}$$