



## 分数指数の単純化(乗算)

名前: \_\_\_\_\_

日にち: \_\_\_\_\_ スコア: \_\_\_\_\_

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

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

$$\left(\frac{3}{5}\right)^{10} \cdot \left(\frac{3}{5}\right)^{-9} \cdot \left(\frac{3}{5}\right)^4 \cdot \left(\frac{3}{5}\right)^{11}$$

$$\left(\frac{2}{3}\right)^4 \cdot \left(\frac{2}{3}\right)^{-8} \cdot \left(\frac{2}{3}\right)^3 \cdot \left(\frac{2}{3}\right)^6$$

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

$$\left(\frac{2}{7}\right)^{11} \cdot \left(\frac{2}{7}\right)^5 \cdot \left(\frac{2}{7}\right)^7 \cdot \left(\frac{2}{7}\right)^3$$

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

$$\left(\frac{1}{4}\right)^{-3} \cdot \left(\frac{1}{4}\right)^{10} \cdot \left(\frac{1}{4}\right)^{-8} \cdot \left(\frac{1}{4}\right)^{-10}$$

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

$$\left(\frac{2}{7}\right)^{-9} \cdot \left(\frac{2}{7}\right)^{-4} \cdot \left(\frac{2}{7}\right)^9 \cdot \left(\frac{2}{7}\right)^3$$

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

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

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

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

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



名前: \_\_\_\_\_

日にち: \_\_\_\_\_ スコア: \_\_\_\_\_

$$\left(\frac{4}{9}\right)^{-8} \cdot \left(\frac{4}{9}\right)^5 \cdot \left(\frac{4}{9}\right)^4 \cdot \left(\frac{4}{9}\right)^9$$
$$\left(\frac{4}{9}\right)^{10}$$

$$\left(\frac{1}{6}\right)^{-1} \cdot \left(\frac{1}{6}\right)^{10} \cdot \left(\frac{1}{6}\right)^{10} \cdot \left(\frac{1}{6}\right)^{-7}$$
$$\left(\frac{1}{6}\right)^{12}$$

$$\left(\frac{3}{5}\right)^{10} \cdot \left(\frac{3}{5}\right)^{-9} \cdot \left(\frac{3}{5}\right)^4 \cdot \left(\frac{3}{5}\right)^{11}$$
$$\left(\frac{3}{5}\right)^{16}$$

$$\left(\frac{2}{3}\right)^4 \cdot \left(\frac{2}{3}\right)^{-8} \cdot \left(\frac{2}{3}\right)^3 \cdot \left(\frac{2}{3}\right)^6$$
$$\left(\frac{2}{3}\right)^5$$

$$\left(\frac{1}{2}\right)^5 \cdot \left(\frac{1}{2}\right)^6$$
$$\left(\frac{1}{2}\right)^{11}$$

$$\left(\frac{2}{7}\right)^{11} \cdot \left(\frac{2}{7}\right)^5 \cdot \left(\frac{2}{7}\right)^7 \cdot \left(\frac{2}{7}\right)^3$$
$$\left(\frac{2}{7}\right)^{26}$$

$$\left(\frac{1}{5}\right)^5 \cdot \left(\frac{1}{5}\right)^{-4} \cdot \left(\frac{1}{5}\right)^{-7}$$
$$\left(\frac{1}{5}\right)^{-6}$$

$$\left(\frac{1}{4}\right)^{-3} \cdot \left(\frac{1}{4}\right)^{10} \cdot \left(\frac{1}{4}\right)^{-8} \cdot \left(\frac{1}{4}\right)^{-10}$$
$$\left(\frac{1}{4}\right)^{-11}$$

$$\left(\frac{4}{9}\right)^{-9} \cdot \left(\frac{4}{9}\right)^{-8}$$
$$\left(\frac{4}{9}\right)^{-17}$$

$$\left(\frac{2}{7}\right)^{-9} \cdot \left(\frac{2}{7}\right)^{-4} \cdot \left(\frac{2}{7}\right)^9 \cdot \left(\frac{2}{7}\right)^3$$
$$\left(\frac{2}{7}\right)^{-1}$$

$$\left(\frac{3}{5}\right)^{-1} \cdot \left(\frac{3}{5}\right)^{-8} \cdot \left(\frac{3}{5}\right)^{-3}$$
$$\left(\frac{3}{5}\right)^{-12}$$

$$\left(\frac{1}{2}\right)^{-7} \cdot \left(\frac{1}{2}\right)^7 \cdot \left(\frac{1}{2}\right)^{-10} \cdot \left(\frac{1}{2}\right)^{-7}$$
$$\left(\frac{1}{2}\right)^{-17}$$

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

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

$$\left(\frac{1}{4}\right)^{-3} \cdot \left(\frac{1}{4}\right)^{-7}$$
$$\left(\frac{1}{4}\right)^{-10}$$