



分数指数の簡略化(除算)

名前: _____

日にち: _____ スコア: _____

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

$$\frac{\left(\frac{3}{7}\right)^{-6} \cdot \left(\frac{3}{7}\right)^{-4} \cdot \left(\frac{3}{7}\right)^6}{\left(\frac{3}{7}\right)^{-8}}$$

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

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

$$\frac{\left(\frac{1}{7}\right)^6 \cdot \left(\frac{1}{7}\right)^{10} \cdot \left(\frac{1}{7}\right)^4 \cdot \left(\frac{1}{7}\right)^{-8}}{\left(\frac{1}{7}\right)^8 \cdot \left(\frac{1}{7}\right)^{-5}}$$

$$\frac{\left(\frac{1}{6}\right)^7 \cdot \left(\frac{1}{6}\right)^9 \cdot \left(\frac{1}{6}\right)^2 \cdot \left(\frac{1}{6}\right)^{-4}}{\left(\frac{1}{6}\right)^{-6} \cdot \left(\frac{1}{6}\right)^{-5}}$$

$$\frac{\left(\frac{1}{2}\right)^2 \cdot \left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^5 \cdot \left(\frac{1}{2}\right)^4}{\left(\frac{1}{2}\right)^{10} \cdot \left(\frac{1}{2}\right)^{-1}}$$

$$\frac{\left(\frac{1}{8}\right)^{-5} \cdot \left(\frac{1}{8}\right)^{-8} \cdot \left(\frac{1}{8}\right)^4 \cdot \left(\frac{1}{8}\right)^{-10}}{\left(\frac{1}{8}\right)^{-5} \cdot \left(\frac{1}{8}\right)^{-5}}$$

$$\left(\frac{1}{6}\right)^7 \cdot \left(\frac{1}{6}\right)^{-2} \cdot \left(\frac{1}{6}\right)^9$$

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

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

$$\frac{\left(\frac{3}{8}\right)^{-9} \cdot \left(\frac{3}{8}\right)^{-5} \cdot \left(\frac{3}{8}\right)^7}{\left(\frac{3}{8}\right)^{-10}}$$

$$\frac{\left(\frac{3}{5}\right)^{-5} \cdot \left(\frac{3}{5}\right)^9 \cdot \left(\frac{3}{5}\right)^{-1}}{\left(\frac{3}{5}\right)^2}$$

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

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