



分数指数の簡略化(除算)

名前: _____

日にち: _____ スコア: _____

$$\frac{\left(\frac{3}{7}\right)^9 \cdot \left(\frac{3}{7}\right)^2 \cdot \left(\frac{3}{7}\right)^{10}}{\left(\frac{3}{7}\right)^{11}}$$

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

$$\frac{\left(\frac{1}{9}\right)^3 \cdot \left(\frac{1}{9}\right)^8 \cdot \left(\frac{1}{9}\right)^{-1} \cdot \left(\frac{1}{9}\right)^{11}}{\left(\frac{1}{9}\right) \cdot \left(\frac{1}{9}\right)^{-2}}$$

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

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

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

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

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

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

$$\frac{\left(\frac{1}{3}\right)^3 \cdot \left(\frac{1}{3}\right)^{11} \cdot \left(\frac{1}{3}\right)^9}{\left(\frac{1}{3}\right)^{-1}}$$

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

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

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

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

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