



اسم: _____

التاريخ: _____ النتيجة _____

$$\frac{\left(\frac{2}{3}\right)^{-2} \cdot \left(\frac{2}{3}\right)^{-5} \cdot \left(\frac{2}{3}\right)^{-10} \cdot \left(\frac{2}{3}\right)^2}{\left(\frac{2}{3}\right)^{-6} \cdot \left(\frac{2}{3}\right)^{-3}}$$

$$\frac{\left(\frac{1}{2}\right)^{-9} \cdot \left(\frac{1}{2}\right)^{-10} \cdot \left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^8}{\left(\frac{1}{2}\right)^{-8} \cdot \left(\frac{1}{2}\right)^{-10}}$$

$$\left(\frac{4}{5}\right)^{-10} \cdot \left(\frac{4}{5}\right)^{-2} \cdot \left(\frac{4}{5}\right)^{-8}$$

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

$$\left(\frac{2}{7}\right)^{-10} \cdot \left(\frac{2}{7}\right)^5 \cdot \left(\frac{2}{7}\right)^{-2}$$

$$\frac{\left(\frac{2}{3}\right)^{-9} \cdot \left(\frac{2}{3}\right)^7 \cdot \left(\frac{2}{3}\right)^{-5}}{\left(\frac{2}{3}\right)^{-9}}$$

$$\frac{\left(\frac{1}{8}\right)^{-1} \cdot \left(\frac{1}{8}\right)^4 \cdot \left(\frac{1}{8}\right)^9}{\left(\frac{1}{8}\right)^{-7}}$$

$$\left(\frac{1}{2}\right)^{-1} \cdot \left(\frac{1}{2}\right)^{-8} \cdot \left(\frac{1}{2}\right)^{-7}$$

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

$$\frac{\left(\frac{2}{5}\right)^8 \cdot \left(\frac{2}{5}\right)^{10} \cdot \left(\frac{2}{5}\right)^{11} \cdot \left(\frac{2}{5}\right)^6}{\left(\frac{2}{5}\right)^{-6} \cdot \left(\frac{2}{5}\right)^8}$$

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

$$\frac{\left(\frac{1}{6}\right)^8 \cdot \left(\frac{1}{6}\right)^{-6} \cdot \left(\frac{1}{6}\right)^{-10}}{\left(\frac{1}{6}\right)^9}$$

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

$$\frac{\left(\frac{1}{4}\right)^{-7} \cdot \left(\frac{1}{4}\right)^8 \cdot \left(\frac{1}{4}\right)^8 \cdot \left(\frac{1}{4}\right)^{-4}}{\left(\frac{1}{4}\right)^{11} \cdot \left(\frac{1}{4}\right)^2}$$

$$\frac{\left(\frac{4}{7}\right)^{10} \cdot \left(\frac{4}{7}\right)^6 \cdot \left(\frac{4}{7}\right)^{-3} \cdot \left(\frac{4}{7}\right)^{-1}}{\left(\frac{4}{7}\right)^4 \cdot \left(\frac{4}{7}\right)^{-2}}$$



اسم: _____

التاريخ: _____ النتيجة _____

$$\frac{\left(\frac{2}{3}\right)^{-2} \cdot \left(\frac{2}{3}\right)^{-5} \cdot \left(\frac{2}{3}\right)^{-10} \cdot \left(\frac{2}{3}\right)^2}{\left(\frac{2}{3}\right)^{-6} \cdot \left(\frac{2}{3}\right)^{-3}}$$

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

$$\frac{\left(\frac{1}{2}\right)^{-9} \cdot \left(\frac{1}{2}\right)^{-10} \cdot \left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^8}{\left(\frac{1}{2}\right)^{-8} \cdot \left(\frac{1}{2}\right)^{-10}}$$

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

$$\frac{\left(\frac{4}{5}\right)^{-10} \cdot \left(\frac{4}{5}\right)^{-2} \cdot \left(\frac{4}{5}\right)^{-8}}{\left(\frac{4}{5}\right)^{-20}}$$

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

$\left(\frac{2}{3}\right)^{22}$

$$\frac{\left(\frac{2}{7}\right)^{-10} \cdot \left(\frac{2}{7}\right)^5 \cdot \left(\frac{2}{7}\right)^{-2}}{\left(\frac{2}{7}\right)^{-7}}$$

$$\frac{\left(\frac{2}{3}\right)^{-9} \cdot \left(\frac{2}{3}\right)^7 \cdot \left(\frac{2}{3}\right)^{-5}}{\left(\frac{2}{3}\right)^{-9}}$$

$\left(\frac{2}{3}\right)^2$

$$\frac{\left(\frac{1}{8}\right)^{-1} \cdot \left(\frac{1}{8}\right)^4 \cdot \left(\frac{1}{8}\right)^9}{\left(\frac{1}{8}\right)^{-7}}$$

$\left(\frac{1}{8}\right)^{19}$

$$\frac{\left(\frac{1}{2}\right)^{-1} \cdot \left(\frac{1}{2}\right)^{-8} \cdot \left(\frac{1}{2}\right)^{-7}}{\left(\frac{1}{2}\right)^{-16}}$$

$$\frac{\left(\frac{4}{7}\right)^{-9} \cdot \left(\frac{4}{7}\right)^{-6} \cdot \left(\frac{4}{7}\right)^{-5}}{\left(\frac{4}{7}\right)^{-20}}$$

$$\frac{\left(\frac{2}{5}\right)^8 \cdot \left(\frac{2}{5}\right)^{10} \cdot \left(\frac{2}{5}\right)^{11} \cdot \left(\frac{2}{5}\right)^6}{\left(\frac{2}{5}\right)^{-6} \cdot \left(\frac{2}{5}\right)^8}$$

$\left(\frac{2}{5}\right)^{33}$

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

$\left(\frac{3}{8}\right)^{-31}$

$$\frac{\left(\frac{1}{6}\right)^8 \cdot \left(\frac{1}{6}\right)^{-6} \cdot \left(\frac{1}{6}\right)^{-10}}{\left(\frac{1}{6}\right)^9}$$

$\left(\frac{1}{6}\right)^{-17}$

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

$$\frac{\left(\frac{1}{4}\right)^{-7} \cdot \left(\frac{1}{4}\right)^8 \cdot \left(\frac{1}{4}\right)^8 \cdot \left(\frac{1}{4}\right)^{-4}}{\left(\frac{1}{4}\right)^{11} \cdot \left(\frac{1}{4}\right)^2}$$

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

$$\frac{\left(\frac{4}{7}\right)^{10} \cdot \left(\frac{4}{7}\right)^6 \cdot \left(\frac{4}{7}\right)^{-3} \cdot \left(\frac{4}{7}\right)^{-1}}{\left(\frac{4}{7}\right)^4 \cdot \left(\frac{4}{7}\right)^{-2}}$$

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