



اسم: _____

التاريخ: _____ النتيجة _____

$$\frac{\left(\frac{1}{8}\right)^{-10} \cdot \left(\frac{1}{8}\right)^{-7} \cdot \left(\frac{1}{8}\right)^{-8} \cdot \left(\frac{1}{8}\right)^{-8}}{\left(\frac{1}{8}\right)^3 \cdot \left(\frac{1}{8}\right)^{10}}$$

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

$$\left(\frac{4}{9}\right)^{10} \cdot \left(\frac{4}{9}\right)^{11} \cdot \left(\frac{4}{9}\right)^{-6}$$

$$\frac{\left(\frac{4}{9}\right)^{-4} \cdot \left(\frac{4}{9}\right)^5 \cdot \left(\frac{4}{9}\right)^{11}}{\left(\frac{4}{9}\right)^{-1}}$$

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

$$\frac{\left(\frac{1}{2}\right)^6 \cdot \left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^{-3}}{\left(\frac{1}{2}\right)^{-8}}$$

$$\left(\frac{2}{3}\right)^{-1} \cdot \left(\frac{2}{3}\right)^6 \cdot \left(\frac{2}{3}\right)^{-9}$$

$$\frac{\left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right)^{-10} \cdot \left(\frac{1}{3}\right)^{-2} \cdot \left(\frac{1}{3}\right)^{-8}}{\left(\frac{1}{3}\right)^{-7} \cdot \left(\frac{1}{3}\right)^{-8}}$$

$$\left(\frac{1}{7}\right)^{10} \cdot \left(\frac{1}{7}\right)^9 \cdot \left(\frac{1}{7}\right)^{-3}$$

$$\frac{\left(\frac{1}{7}\right)^{-3} \cdot \left(\frac{1}{7}\right) \cdot \left(\frac{1}{7}\right)^2 \cdot \left(\frac{1}{7}\right)^{-7}}{\left(\frac{1}{7}\right)^{-8} \cdot \left(\frac{1}{7}\right)^{-5}}$$

$$\frac{\left(\frac{1}{2}\right)^{-9} \cdot \left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^{-7} \cdot \left(\frac{1}{2}\right)^5}{\left(\frac{1}{2}\right)^{-8} \cdot \left(\frac{1}{2}\right)^{-5}}$$

$$\frac{\left(\frac{1}{7}\right)^{-2} \cdot \left(\frac{1}{7}\right)^{11} \cdot \left(\frac{1}{7}\right)^{-9}}{\left(\frac{1}{7}\right)^{-8}}$$

$$\frac{\left(\frac{3}{5}\right) \cdot \left(\frac{3}{5}\right)^7 \cdot \left(\frac{3}{5}\right)^{-10}}{\left(\frac{3}{5}\right)^6}$$

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

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



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$$\frac{\left(\frac{1}{8}\right)^{-10} \cdot \left(\frac{1}{8}\right)^{-7} \cdot \left(\frac{1}{8}\right)^{-8} \cdot \left(\frac{1}{8}\right)^{-8}}{\left(\frac{1}{8}\right)^3 \cdot \left(\frac{1}{8}\right)^{10}}$$

$\left(\frac{1}{8}\right)^{-46}$

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

$$\frac{\left(\frac{4}{9}\right)^{10} \cdot \left(\frac{4}{9}\right)^{11} \cdot \left(\frac{4}{9}\right)^{-6}}{\left(\frac{4}{9}\right)^{15}}$$

$$\frac{\left(\frac{4}{9}\right)^{-4} \cdot \left(\frac{4}{9}\right)^5 \cdot \left(\frac{4}{9}\right)^{11}}{\left(\frac{4}{9}\right)^{-1}}$$

$\left(\frac{4}{9}\right)^{13}$

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

$\left(\frac{2}{3}\right)^{-19}$

$$\frac{\left(\frac{1}{2}\right)^6 \cdot \left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^{-3}}{\left(\frac{1}{2}\right)^{-8}}$$

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

$$\frac{\left(\frac{2}{3}\right)^{-1} \cdot \left(\frac{2}{3}\right)^6 \cdot \left(\frac{2}{3}\right)^{-9}}{\left(\frac{2}{3}\right)^{-4}}$$

$$\frac{\left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right)^{-10} \cdot \left(\frac{1}{3}\right)^{-2} \cdot \left(\frac{1}{3}\right)^{-8}}{\left(\frac{1}{3}\right)^{-7} \cdot \left(\frac{1}{3}\right)^{-8}}$$

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

$$\frac{\left(\frac{1}{7}\right)^{10} \cdot \left(\frac{1}{7}\right)^9 \cdot \left(\frac{1}{7}\right)^{-3}}{\left(\frac{1}{7}\right)^{16}}$$

$$\frac{\left(\frac{1}{7}\right)^{-3} \cdot \left(\frac{1}{7}\right) \cdot \left(\frac{1}{7}\right)^2 \cdot \left(\frac{1}{7}\right)^{-7}}{\left(\frac{1}{7}\right)^{-8} \cdot \left(\frac{1}{7}\right)^{-5}}$$

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

$$\frac{\left(\frac{1}{2}\right)^{-9} \cdot \left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^{-7} \cdot \left(\frac{1}{2}\right)^5}{\left(\frac{1}{2}\right)^{-8} \cdot \left(\frac{1}{2}\right)^{-5}}$$

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

$$\frac{\left(\frac{1}{7}\right)^{-2} \cdot \left(\frac{1}{7}\right)^{11} \cdot \left(\frac{1}{7}\right)^{-9}}{\left(\frac{1}{7}\right)^{-8}}$$

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

$$\frac{\left(\frac{3}{5}\right) \cdot \left(\frac{3}{5}\right)^7 \cdot \left(\frac{3}{5}\right)^{-10}}{\left(\frac{3}{5}\right)^6}$$

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

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

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

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

$\left(\frac{1}{9}\right)^{-12}$