



ชื่อ: _____

วันที่: _____ คะแนน: _____

$$\frac{\left(\frac{2}{7}\right)^{-9} \cdot \left(\frac{2}{7}\right)^{-2} \cdot \left(\frac{2}{7}\right)^{-5} \cdot \left(\frac{2}{7}\right)^9}{\left(\frac{2}{7}\right)^9 \cdot \left(\frac{2}{7}\right)^{-10}}$$

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

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

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

$$\left(\frac{4}{9}\right)^{-8} \cdot \left(\frac{4}{9}\right)^2 \cdot \left(\frac{4}{9}\right)^{-6}$$

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

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

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

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

$$\frac{\left(\frac{1}{5}\right)^{-4} \cdot \left(\frac{1}{5}\right)^{11} \cdot \left(\frac{1}{5}\right) \cdot \left(\frac{1}{5}\right)^{-8}}{\left(\frac{1}{5}\right)^{-10} \cdot \left(\frac{1}{5}\right)^7}$$

$$\frac{\left(\frac{1}{2}\right) \cdot \left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^8}{\left(\frac{1}{2}\right)^{11} \cdot \left(\frac{1}{2}\right)^5}$$

$$\frac{\left(\frac{4}{5}\right)^4 \cdot \left(\frac{4}{5}\right)^{-1} \cdot \left(\frac{4}{5}\right)^3 \cdot \left(\frac{4}{5}\right)^{-8}}{\left(\frac{4}{5}\right)^{-9} \cdot \left(\frac{4}{5}\right)^{10}}$$

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

$$\frac{\left(\frac{2}{5}\right)^6 \cdot \left(\frac{2}{5}\right)^{-8} \cdot \left(\frac{2}{5}\right)^7}{\left(\frac{2}{5}\right)^{11}}$$

$$\frac{\left(\frac{1}{2}\right)^9 \cdot \left(\frac{1}{2}\right)^{10} \cdot \left(\frac{1}{2}\right)^{-6} \cdot \left(\frac{1}{2}\right)^{-9}}{\left(\frac{1}{2}\right)^9 \cdot \left(\frac{1}{2}\right)^5}$$



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$$\frac{\left(\frac{2}{7}\right)^{-9} \cdot \left(\frac{2}{7}\right)^{-2} \cdot \left(\frac{2}{7}\right)^{-5} \cdot \left(\frac{2}{7}\right)^9}{\left(\frac{2}{7}\right)^9 \cdot \left(\frac{2}{7}\right)^{-10}}$$

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

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

$$\left(\frac{4}{7}\right)^{-15}$$

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

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

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

$$\left(\frac{3}{7}\right)^3$$

$$\left(\frac{4}{9}\right)^{-8} \cdot \left(\frac{4}{9}\right)^2 \cdot \left(\frac{4}{9}\right)^{-6}$$

$$\left(\frac{4}{9}\right)^{-12}$$

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

$$\left(\frac{1}{2}\right)^{-26}$$

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

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

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

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

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

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

$$\frac{\left(\frac{1}{5}\right)^{-4} \cdot \left(\frac{1}{5}\right)^{11} \cdot \left(\frac{1}{5}\right) \cdot \left(\frac{1}{5}\right)^{-8}}{\left(\frac{1}{5}\right)^{-10} \cdot \left(\frac{1}{5}\right)^7}$$

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

$$\frac{\left(\frac{1}{2}\right) \cdot \left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^8}{\left(\frac{1}{2}\right)^{11} \cdot \left(\frac{1}{2}\right)^5}$$

$$\left(\frac{1}{2}\right)^{-15}$$

$$\frac{\left(\frac{4}{5}\right)^4 \cdot \left(\frac{4}{5}\right)^{-1} \cdot \left(\frac{4}{5}\right)^3 \cdot \left(\frac{4}{5}\right)^{-8}}{\left(\frac{4}{5}\right)^{-9} \cdot \left(\frac{4}{5}\right)^{10}}$$

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

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

$$\left(\frac{1}{3}\right)^{-17}$$

$$\frac{\left(\frac{2}{5}\right)^6 \cdot \left(\frac{2}{5}\right)^{-8} \cdot \left(\frac{2}{5}\right)^7}{\left(\frac{2}{5}\right)^{11}}$$

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

$$\frac{\left(\frac{1}{2}\right)^9 \cdot \left(\frac{1}{2}\right)^{10} \cdot \left(\frac{1}{2}\right)^{-6} \cdot \left(\frac{1}{2}\right)^{-9}}{\left(\frac{1}{2}\right)^9 \cdot \left(\frac{1}{2}\right)^5}$$

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