



姓名: _____

日期: _____ 分數: _____

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

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

$$\left(\frac{1}{7}\right)^{-3} \cdot \left(\frac{1}{7}\right)^{11} \cdot \left(\frac{1}{7}\right)^{-3}$$

$$\frac{\left(\frac{1}{7}\right)^{-3} \cdot \left(\frac{1}{7}\right)^{-10} \cdot \left(\frac{1}{7}\right)^{-9} \cdot \left(\frac{1}{7}\right)^{-3}}{\left(\frac{1}{7}\right)^6 \cdot \left(\frac{1}{7}\right)^{-8}}$$

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

$$\frac{\left(\frac{1}{7}\right)^3 \cdot \left(\frac{1}{7}\right)^8 \cdot \left(\frac{1}{7}\right)^{-9}}{\left(\frac{1}{7}\right)^4}$$

$$\frac{\left(\frac{2}{5}\right)^3 \cdot \left(\frac{2}{5}\right)^{-8} \cdot \left(\frac{2}{5}\right)^{-1} \cdot \left(\frac{2}{5}\right)^{-6}}{\left(\frac{2}{5}\right)^{-6} \cdot \left(\frac{2}{5}\right)^{-4}}$$

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

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

$$\frac{\left(\frac{1}{7}\right)^5 \cdot \left(\frac{1}{7}\right)^{-7} \cdot \left(\frac{1}{7}\right)^6 \cdot \left(\frac{1}{7}\right)^{11}}{\left(\frac{1}{7}\right)^{-5} \cdot \left(\frac{1}{7}\right)^{11}}$$

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

$$\frac{\left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^{-1} \cdot \left(\frac{1}{2}\right)^{-6}}{\left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^{-8}}$$

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

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

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



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

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

$$\frac{\left(\frac{1}{7}\right)^{-3} \cdot \left(\frac{1}{7}\right)^{11} \cdot \left(\frac{1}{7}\right)^{-3}}{\left(\frac{1}{7}\right)^5}$$

$$\frac{\left(\frac{1}{7}\right)^{-3} \cdot \left(\frac{1}{7}\right)^{-10} \cdot \left(\frac{1}{7}\right)^{-9} \cdot \left(\frac{1}{7}\right)^{-3}}{\left(\frac{1}{7}\right)^6 \cdot \left(\frac{1}{7}\right)^{-8}} \left(\frac{1}{7}\right)^{-23}$$

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

$$\frac{\left(\frac{1}{7}\right)^3 \cdot \left(\frac{1}{7}\right)^8 \cdot \left(\frac{1}{7}\right)^{-9}}{\left(\frac{1}{7}\right)^4} \left(\frac{1}{7}\right)^{-2}$$

$$\frac{\left(\frac{2}{5}\right)^3 \cdot \left(\frac{2}{5}\right)^{-8} \cdot \left(\frac{2}{5}\right)^{-1} \cdot \left(\frac{2}{5}\right)^{-6}}{\left(\frac{2}{5}\right)^{-6} \cdot \left(\frac{2}{5}\right)^{-4}} \left(\frac{2}{5}\right)^{-2}$$

$$\frac{\left(\frac{4}{7}\right)^4 \cdot \left(\frac{4}{7}\right)^{-8} \cdot \left(\frac{4}{7}\right)^{-7} \cdot \left(\frac{4}{7}\right)^{-7}}{\left(\frac{4}{7}\right) \cdot \left(\frac{4}{7}\right)^9} \left(\frac{4}{7}\right)^{-28}$$

$$\frac{\left(\frac{2}{7}\right)^{-6} \cdot \left(\frac{2}{7}\right)^{-10} \cdot \left(\frac{2}{7}\right)^3}{\left(\frac{2}{7}\right)^{-13}}$$

$$\frac{\left(\frac{1}{7}\right)^5 \cdot \left(\frac{1}{7}\right)^{-7} \cdot \left(\frac{1}{7}\right)^6 \cdot \left(\frac{1}{7}\right)^{11}}{\left(\frac{1}{7}\right)^{-5} \cdot \left(\frac{1}{7}\right)^{11}} \left(\frac{1}{7}\right)^9$$

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

$$\frac{\left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^{-1} \cdot \left(\frac{1}{2}\right)^{-6}}{\left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^{-8}} \left(\frac{1}{2}\right)^{-2}$$

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

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

$$\frac{\left(\frac{1}{8}\right)^{-4} \cdot \left(\frac{1}{8}\right)^{-6} \cdot \left(\frac{1}{8}\right)^8}{\left(\frac{1}{8}\right)^{-2}}$$