



姓名: _____

日期: _____ 分數: _____

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

$$\left(\frac{1}{4}\right)^{11} \cdot \left(\frac{1}{4}\right)^{10} \cdot \left(\frac{1}{4}\right)^2$$

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

$$\frac{\left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right)^{-5} \cdot \left(\frac{1}{3}\right)^7 \cdot \left(\frac{1}{3}\right)^7}{\left(\frac{1}{3}\right)^9 \cdot \left(\frac{1}{3}\right)^{-9}}$$

$$\frac{\left(\frac{4}{9}\right)^{-5} \cdot \left(\frac{4}{9}\right)^{10} \cdot \left(\frac{4}{9}\right)^5 \cdot \left(\frac{4}{9}\right)^{-2}}{\left(\frac{4}{9}\right)^{-7} \cdot \left(\frac{4}{9}\right)^{-3}}$$

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

$$\frac{\left(\frac{3}{8}\right)^8 \cdot \left(\frac{3}{8}\right)^{-9} \cdot \left(\frac{3}{8}\right)^7 \cdot \left(\frac{3}{8}\right)^{11}}{\left(\frac{3}{8}\right) \cdot \left(\frac{3}{8}\right)^6}$$

$$\frac{\left(\frac{1}{5}\right)^{-8} \cdot \left(\frac{1}{5}\right)^8 \cdot \left(\frac{1}{5}\right)^4 \cdot \left(\frac{1}{5}\right)^9}{\left(\frac{1}{5}\right)^{-8} \cdot \left(\frac{1}{5}\right)^{-2}}$$

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

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

$$\frac{\left(\frac{4}{7}\right)^8 \cdot \left(\frac{4}{7}\right)^6 \cdot \left(\frac{4}{7}\right)^{10}}{\left(\frac{4}{7}\right)^{-9}}$$

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

$$\frac{\left(\frac{1}{7}\right)^{-8} \cdot \left(\frac{1}{7}\right)^{-5} \cdot \left(\frac{1}{7}\right)^{-4} \cdot \left(\frac{1}{7}\right)^{-5}}{\left(\frac{1}{7}\right)^{-8} \cdot \left(\frac{1}{7}\right)^{-6}}$$

$$\frac{\left(\frac{2}{9}\right)^{-8} \cdot \left(\frac{2}{9}\right)^{-10} \cdot \left(\frac{2}{9}\right)^{-3} \cdot \left(\frac{2}{9}\right)^{-10}}{\left(\frac{2}{9}\right)^{11} \cdot \left(\frac{2}{9}\right)^8}$$

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



姓名: _____

日期: _____ 分數: _____

$$\frac{(\frac{2}{5})^{-2} \cdot (\frac{2}{5})^{-3} \cdot (\frac{2}{5})^{11}}{(\frac{2}{5})^6}$$

$$\frac{(\frac{1}{4})^{11} \cdot (\frac{1}{4})^{10} \cdot (\frac{1}{4})^2}{(\frac{1}{4})^{23}}$$

$$\frac{(\frac{2}{3})^9 \cdot (\frac{2}{3})^9 \cdot (\frac{2}{3})^4 \cdot (\frac{2}{3})^9}{(\frac{2}{3})^{-3} \cdot (\frac{2}{3})^4} (\frac{2}{3})^{30}$$

$$\frac{(\frac{1}{3})^4 \cdot (\frac{1}{3})^{-5} \cdot (\frac{1}{3})^7 \cdot (\frac{1}{3})^7}{(\frac{1}{3})^9 \cdot (\frac{1}{3})^{-9}} (\frac{1}{3})^{13}$$

$$\frac{(\frac{4}{9})^{-5} \cdot (\frac{4}{9})^{10} \cdot (\frac{4}{9})^5 \cdot (\frac{4}{9})^{-2}}{(\frac{4}{9})^{-7} \cdot (\frac{4}{9})^{-3}} (\frac{4}{9})^{18}$$

$$\frac{(\frac{3}{7})^{-9} \cdot (\frac{3}{7})^6 \cdot (\frac{3}{7})^6}{(\frac{3}{7})^{-8}} (\frac{3}{7})^{11}$$

$$\frac{(\frac{3}{8})^8 \cdot (\frac{3}{8})^{-9} \cdot (\frac{3}{8})^7 \cdot (\frac{3}{8})^{11}}{(\frac{3}{8}) \cdot (\frac{3}{8})^6} (\frac{3}{8})^{10}$$

$$\frac{(\frac{1}{5})^{-8} \cdot (\frac{1}{5})^8 \cdot (\frac{1}{5})^4 \cdot (\frac{1}{5})^9}{(\frac{1}{5})^{-8} \cdot (\frac{1}{5})^{-2}} (\frac{1}{5})^{23}$$

$$\frac{(\frac{4}{9})^{-10} \cdot (\frac{4}{9})^{-4} \cdot (\frac{4}{9})^{-5}}{(\frac{4}{9})^{-19}}$$

$$\frac{(\frac{1}{3})^{-6} \cdot (\frac{1}{3})^3 \cdot (\frac{1}{3})^{-9}}{(\frac{1}{3})^{-12}}$$

$$\frac{(\frac{4}{7})^8 \cdot (\frac{4}{7})^6 \cdot (\frac{4}{7})^{10}}{(\frac{4}{7})^{-9}} (\frac{4}{7})^{33}$$

$$\frac{(\frac{1}{8})^3 \cdot (\frac{1}{8})^8 \cdot (\frac{1}{8})^7}{(\frac{1}{8})^{-5}} (\frac{1}{8})^{23}$$

$$\frac{(\frac{1}{7})^{-8} \cdot (\frac{1}{7})^{-5} \cdot (\frac{1}{7})^{-4} \cdot (\frac{1}{7})^{-5}}{(\frac{1}{7})^{-8} \cdot (\frac{1}{7})^{-6}} (\frac{1}{7})^{-8}$$

$$\frac{(\frac{2}{9})^{-8} \cdot (\frac{2}{9})^{-10} \cdot (\frac{2}{9})^{-3} \cdot (\frac{2}{9})^{-10}}{(\frac{2}{9})^{11} \cdot (\frac{2}{9})^8} (\frac{2}{9})^{-50}$$

$$\frac{(\frac{1}{9})^{-6} \cdot (\frac{1}{9})^{-3} \cdot (\frac{1}{9})^{10}}{(\frac{1}{9})}$$