



姓名: _____

日期: _____ 分數: _____

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

$$\left(\frac{2}{3}\right)^2 \cdot \left(\frac{2}{3}\right)^8 \cdot \left(\frac{2}{3}\right)^4$$

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

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

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

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

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

$$\frac{\left(\frac{1}{5}\right)^6 \cdot \left(\frac{1}{5}\right)^2 \cdot \left(\frac{1}{5}\right)^{-7} \cdot \left(\frac{1}{5}\right)}{\left(\frac{1}{5}\right)^6 \cdot \left(\frac{1}{5}\right)^3}$$

$$\frac{\left(\frac{4}{9}\right)^{-10} \cdot \left(\frac{4}{9}\right)^3 \cdot \left(\frac{4}{9}\right)^{-10} \cdot \left(\frac{4}{9}\right)^7}{\left(\frac{4}{9}\right)^{10} \cdot \left(\frac{4}{9}\right)^{-6}}$$

$$\frac{\left(\frac{1}{7}\right)^{-3} \cdot \left(\frac{1}{7}\right)^5 \cdot \left(\frac{1}{7}\right)^{11} \cdot \left(\frac{1}{7}\right)^{-7}}{\left(\frac{1}{7}\right)^{-5} \cdot \left(\frac{1}{7}\right)^{-2}}$$

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

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

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

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

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



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

$$\left(\frac{2}{3}\right)^2 \cdot \left(\frac{2}{3}\right)^8 \cdot \left(\frac{2}{3}\right)^4$$
$$\left(\frac{2}{3}\right)^{14}$$

$$\frac{\left(\frac{4}{5}\right)^8 \cdot \left(\frac{4}{5}\right) \cdot \left(\frac{4}{5}\right)^{-8} \cdot \left(\frac{4}{5}\right)^6}{\left(\frac{4}{5}\right)^{-5} \cdot \left(\frac{4}{5}\right)^{-1}}$$
$$\left(\frac{4}{5}\right)^{13}$$

$$\frac{\left(\frac{2}{5}\right)^{-6} \cdot \left(\frac{2}{5}\right)^6 \cdot \left(\frac{2}{5}\right)^{10}}{\left(\frac{2}{5}\right)^{11}}$$
$$\left(\frac{2}{5}\right)^{-1}$$

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

$$\frac{\left(\frac{1}{6}\right)^{-6} \cdot \left(\frac{1}{6}\right)^7 \cdot \left(\frac{1}{6}\right)^6}{\left(\frac{1}{6}\right)^7}$$
$$\left(\frac{1}{6}\right)^0$$

$$\frac{\left(\frac{2}{9}\right)^4 \cdot \left(\frac{2}{9}\right)^{-10} \cdot \left(\frac{2}{9}\right)^{-3}}{\left(\frac{2}{9}\right)^7}$$
$$\left(\frac{2}{9}\right)^{-16}$$

$$\frac{\left(\frac{1}{5}\right)^6 \cdot \left(\frac{1}{5}\right)^2 \cdot \left(\frac{1}{5}\right)^{-7} \cdot \left(\frac{1}{5}\right)}{\left(\frac{1}{5}\right)^6 \cdot \left(\frac{1}{5}\right)^3}$$
$$\left(\frac{1}{5}\right)^{-7}$$

$$\frac{\left(\frac{4}{9}\right)^{-10} \cdot \left(\frac{4}{9}\right)^3 \cdot \left(\frac{4}{9}\right)^{-10} \cdot \left(\frac{4}{9}\right)^7}{\left(\frac{4}{9}\right)^{10} \cdot \left(\frac{4}{9}\right)^{-6}}$$
$$\left(\frac{4}{9}\right)^{-14}$$

$$\frac{\left(\frac{1}{7}\right)^{-3} \cdot \left(\frac{1}{7}\right)^5 \cdot \left(\frac{1}{7}\right)^{11} \cdot \left(\frac{1}{7}\right)^{-7}}{\left(\frac{1}{7}\right)^{-5} \cdot \left(\frac{1}{7}\right)^{-2}}$$
$$\left(\frac{1}{7}\right)^{13}$$

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

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

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

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

$$\frac{\left(\frac{1}{9}\right) \cdot \left(\frac{1}{9}\right)^{-8} \cdot \left(\frac{1}{9}\right)^{-3}}{\left(\frac{1}{9}\right)^4}$$
$$\left(\frac{1}{9}\right)^{-14}$$