



姓名: _____

日期: _____ 分數: _____

$$\frac{\left(\frac{1}{6}\right)^{-8} \cdot \left(\frac{1}{6}\right)^{-3} \cdot \left(\frac{1}{6}\right)^{-2}}{\left(\frac{1}{6}\right)^{-9}}$$

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

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

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

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

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

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

$$\frac{\left(\frac{2}{9}\right)^{11} \cdot \left(\frac{2}{9}\right) \cdot \left(\frac{2}{9}\right)^{-6} \cdot \left(\frac{2}{9}\right)^8}{\left(\frac{2}{9}\right)^{-1} \cdot \left(\frac{2}{9}\right)}$$

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

$$\frac{\left(\frac{4}{7}\right)^8 \cdot \left(\frac{4}{7}\right)^{-2} \cdot \left(\frac{4}{7}\right)^7 \cdot \left(\frac{4}{7}\right)^{11}}{\left(\frac{4}{7}\right)^4 \cdot \left(\frac{4}{7}\right)^{-2}}$$

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

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

$$\frac{\left(\frac{1}{8}\right)^{-5} \cdot \left(\frac{1}{8}\right)^{-9} \cdot \left(\frac{1}{8}\right)^2}{\left(\frac{1}{8}\right)^{-6}}$$

$$\frac{\left(\frac{3}{8}\right)^{-2} \cdot \left(\frac{3}{8}\right)^{-5} \cdot \left(\frac{3}{8}\right)^{-4} \cdot \left(\frac{3}{8}\right)^{-7}}{\left(\frac{3}{8}\right)^8 \cdot \left(\frac{3}{8}\right)^8}$$

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



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$$\frac{\left(\frac{1}{6}\right)^{-8} \cdot \left(\frac{1}{6}\right)^{-3} \cdot \left(\frac{1}{6}\right)^{-2}}{\left(\frac{1}{6}\right)^{-9}}$$
$$\left(\frac{1}{6}\right)^{-4}$$

$$\frac{\left(\frac{2}{3}\right)^3 \cdot \left(\frac{2}{3}\right)^{-8} \cdot \left(\frac{2}{3}\right)^{11}}{\left(\frac{2}{3}\right)^2}$$
$$\left(\frac{2}{3}\right)^4$$

$$\frac{\left(\frac{2}{9}\right)^{10} \cdot \left(\frac{2}{9}\right)^{10} \cdot \left(\frac{2}{9}\right)^{-2}}{\left(\frac{2}{9}\right)^{18}}$$

$$\frac{\left(\frac{1}{5}\right)^5 \cdot \left(\frac{1}{5}\right)^{11} \cdot \left(\frac{1}{5}\right)^{-3}}{\left(\frac{1}{5}\right)^{-7}}$$
$$\left(\frac{1}{5}\right)^{20}$$

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

$$\frac{\left(\frac{1}{6}\right)^{-4} \cdot \left(\frac{1}{6}\right)^{-4} \cdot \left(\frac{1}{6}\right)^{-6}}{\left(\frac{1}{6}\right)^{-14}}$$

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

$$\frac{\left(\frac{2}{9}\right)^{11} \cdot \left(\frac{2}{9}\right) \cdot \left(\frac{2}{9}\right)^{-6} \cdot \left(\frac{2}{9}\right)^8}{\left(\frac{2}{9}\right)^{-1} \cdot \left(\frac{2}{9}\right)}$$
$$\left(\frac{2}{9}\right)^{14}$$

$$\frac{\left(\frac{1}{5}\right)^{-2} \cdot \left(\frac{1}{5}\right)^{-2} \cdot \left(\frac{1}{5}\right)^6}{\left(\frac{1}{5}\right)^{-8}}$$
$$\left(\frac{1}{5}\right)^{10}$$

$$\frac{\left(\frac{4}{7}\right)^8 \cdot \left(\frac{4}{7}\right)^{-2} \cdot \left(\frac{4}{7}\right)^7 \cdot \left(\frac{4}{7}\right)^{11}}{\left(\frac{4}{7}\right)^4 \cdot \left(\frac{4}{7}\right)^{-2}}$$
$$\left(\frac{4}{7}\right)^{22}$$

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

$$\frac{\left(\frac{2}{7}\right)^{-8} \cdot \left(\frac{2}{7}\right)^7 \cdot \left(\frac{2}{7}\right)^6}{\left(\frac{2}{7}\right)^8}$$
$$\left(\frac{2}{7}\right)^{-3}$$

$$\frac{\left(\frac{1}{8}\right)^{-5} \cdot \left(\frac{1}{8}\right)^{-9} \cdot \left(\frac{1}{8}\right)^2}{\left(\frac{1}{8}\right)^{-6}}$$
$$\left(\frac{1}{8}\right)^{-6}$$

$$\frac{\left(\frac{3}{8}\right)^{-2} \cdot \left(\frac{3}{8}\right)^{-5} \cdot \left(\frac{3}{8}\right)^{-4} \cdot \left(\frac{3}{8}\right)^{-7}}{\left(\frac{3}{8}\right)^8 \cdot \left(\frac{3}{8}\right)^8}$$
$$\left(\frac{3}{8}\right)^{-34}$$

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