



StudentName: \_\_\_\_\_

ExamDate: \_\_\_\_\_ ExamScore: \_\_\_\_\_

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

$$\frac{\left(\frac{1}{5}\right)^7 \cdot \left(\frac{1}{5}\right)^5 \cdot \left(\frac{1}{5}\right)^{-2} \cdot \left(\frac{1}{5}\right)^{-10}}{\left(\frac{1}{5}\right)^2 \cdot \left(\frac{1}{5}\right)^{-5}}$$

$$\frac{\left(\frac{2}{5}\right)^9 \cdot \left(\frac{2}{5}\right)^{-1} \cdot \left(\frac{2}{5}\right) \cdot \left(\frac{2}{5}\right)^7}{\left(\frac{2}{5}\right)^4 \cdot \left(\frac{2}{5}\right)^{10}}$$

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

$$\frac{\left(\frac{1}{7}\right)^5 \cdot \left(\frac{1}{7}\right)^{-9} \cdot \left(\frac{1}{7}\right)^{-9}}{\left(\frac{1}{7}\right)^{-10}}$$

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

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

$$\frac{\left(\frac{3}{5}\right)^{-3} \cdot \left(\frac{3}{5}\right)^{10} \cdot \left(\frac{3}{5}\right)^{-3} \cdot \left(\frac{3}{5}\right)^7}{\left(\frac{3}{5}\right)^{-6} \cdot \left(\frac{3}{5}\right)^3}$$

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

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

$$\frac{\left(\frac{2}{5}\right)^{-4} \cdot \left(\frac{2}{5}\right)^{11} \cdot \left(\frac{2}{5}\right)^{-8}}{\left(\frac{2}{5}\right)^{-2}}$$

$$\frac{\left(\frac{1}{8}\right)^{-10} \cdot \left(\frac{1}{8}\right)^4 \cdot \left(\frac{1}{8}\right)^4 \cdot \left(\frac{1}{8}\right)^9}{\left(\frac{1}{8}\right)^{-2} \cdot \left(\frac{1}{8}\right)^8}$$

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

$$\frac{\left(\frac{2}{7}\right)^8 \cdot \left(\frac{2}{7}\right)^{-7} \cdot \left(\frac{2}{7}\right)^{10}}{\left(\frac{2}{7}\right)^{-3}}$$

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



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

$$\frac{\left(\frac{1}{5}\right)^7 \cdot \left(\frac{1}{5}\right)^5 \cdot \left(\frac{1}{5}\right)^{-2} \cdot \left(\frac{1}{5}\right)^{-10}}{\left(\frac{1}{5}\right)^2 \cdot \left(\frac{1}{5}\right)^{-5}}$$
$$\left(\frac{1}{5}\right)^3$$

$$\frac{\left(\frac{2}{5}\right)^9 \cdot \left(\frac{2}{5}\right)^{-1} \cdot \left(\frac{2}{5}\right) \cdot \left(\frac{2}{5}\right)^7}{\left(\frac{2}{5}\right)^4 \cdot \left(\frac{2}{5}\right)^{10}}$$
$$\left(\frac{2}{5}\right)^2$$

$$\frac{\left(\frac{1}{9}\right) \cdot \left(\frac{1}{9}\right)^{-1} \cdot \left(\frac{1}{9}\right)^{-7}}{\left(\frac{1}{9}\right)^6}$$
$$\left(\frac{1}{9}\right)^{-13}$$

$$\frac{\left(\frac{1}{7}\right)^5 \cdot \left(\frac{1}{7}\right)^{-9} \cdot \left(\frac{1}{7}\right)^{-9}}{\left(\frac{1}{7}\right)^{-10}}$$
$$\left(\frac{1}{7}\right)^{-3}$$

$$\frac{\left(\frac{2}{9}\right)^4 \cdot \left(\frac{2}{9}\right)^9 \cdot \left(\frac{2}{9}\right)^4}{\left(\frac{2}{9}\right)^{17}}$$

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

$$\frac{\left(\frac{3}{5}\right)^{-3} \cdot \left(\frac{3}{5}\right)^{10} \cdot \left(\frac{3}{5}\right)^{-3} \cdot \left(\frac{3}{5}\right)^7}{\left(\frac{3}{5}\right)^{-6} \cdot \left(\frac{3}{5}\right)^3}$$
$$\left(\frac{3}{5}\right)^{14}$$

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

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

$$\frac{\left(\frac{2}{5}\right)^{-4} \cdot \left(\frac{2}{5}\right)^{11} \cdot \left(\frac{2}{5}\right)^{-8}}{\left(\frac{2}{5}\right)^{-2}}$$
$$\left(\frac{2}{5}\right)$$

$$\frac{\left(\frac{1}{8}\right)^{-10} \cdot \left(\frac{1}{8}\right)^4 \cdot \left(\frac{1}{8}\right)^4 \cdot \left(\frac{1}{8}\right)^9}{\left(\frac{1}{8}\right)^{-2} \cdot \left(\frac{1}{8}\right)^8}$$
$$\left(\frac{1}{8}\right)$$

$$\frac{\left(\frac{2}{3}\right)^{-1} \cdot \left(\frac{2}{3}\right)^7 \cdot \left(\frac{2}{3}\right)^{-8} \cdot \left(\frac{2}{3}\right)^{-9}}{\left(\frac{2}{3}\right)^{-9} \cdot \left(\frac{2}{3}\right)^{-2}}$$
$$\left(\frac{2}{3}\right)^0$$

$$\frac{\left(\frac{2}{7}\right)^8 \cdot \left(\frac{2}{7}\right)^{-7} \cdot \left(\frac{2}{7}\right)^{10}}{\left(\frac{2}{7}\right)^{-3}}$$
$$\left(\frac{2}{7}\right)^{14}$$

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