



namn: \_\_\_\_\_

Datum: \_\_\_\_\_ Poäng: \_\_\_\_\_

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

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

$$\frac{\left(\frac{2}{7}\right)^{-5} \cdot \left(\frac{2}{7}\right)^6 \cdot \left(\frac{2}{7}\right)}{\left(\frac{2}{7}\right)^{-10}}$$

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

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

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

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

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

$$\frac{\left(\frac{3}{5}\right)^{-7} \cdot \left(\frac{3}{5}\right)^{-4} \cdot \left(\frac{3}{5}\right)^4 \cdot \left(\frac{3}{5}\right)^{-4}}{\left(\frac{3}{5}\right)^{-1} \cdot \left(\frac{3}{5}\right)^{11}}$$

$$\frac{\left(\frac{2}{7}\right)^{11} \cdot \left(\frac{2}{7}\right)^9 \cdot \left(\frac{2}{7}\right)^{-10}}{\left(\frac{2}{7}\right)^{-1}}$$

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

$$\frac{\left(\frac{3}{7}\right)^5 \cdot \left(\frac{3}{7}\right)^9 \cdot \left(\frac{3}{7}\right)^{-8}}{\left(\frac{3}{7}\right)^{-1}}$$

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

$$\frac{\left(\frac{1}{9}\right)^{-1} \cdot \left(\frac{1}{9}\right)^{10} \cdot \left(\frac{1}{9}\right)^{-9}}{\left(\frac{1}{9}\right)^{11}}$$

$$\frac{\left(\frac{4}{9}\right)^{11} \cdot \left(\frac{4}{9}\right)^4 \cdot \left(\frac{4}{9}\right)^{-8}}{\left(\frac{4}{9}\right)^{-6}}$$



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$$\frac{\left(\frac{2}{7}\right)^9 \cdot \left(\frac{2}{7}\right)^{-4} \cdot \left(\frac{2}{7}\right)^8}{\left(\frac{2}{7}\right)^{-8}}$$
$$\left(\frac{2}{7}\right)^{21}$$

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

$$\frac{\left(\frac{2}{7}\right)^{-5} \cdot \left(\frac{2}{7}\right)^6 \cdot \left(\frac{2}{7}\right)}{\left(\frac{2}{7}\right)^{-10}}$$
$$\left(\frac{2}{7}\right)^{12}$$

$$\frac{\left(\frac{4}{5}\right)^{-9} \cdot \left(\frac{4}{5}\right)^4 \cdot \left(\frac{4}{5}\right)^9 \cdot \left(\frac{4}{5}\right)^{-4}}{\left(\frac{4}{5}\right)^{-9} \cdot \left(\frac{4}{5}\right)^{-2}}$$
$$\left(\frac{4}{5}\right)^{11}$$

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

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

$$\frac{\left(\frac{1}{2}\right)^{-9} \cdot \left(\frac{1}{2}\right)^3 \cdot \left(\frac{1}{2}\right)^{-4}}{\left(\frac{1}{2}\right)^{-10}}$$

$$\frac{\left(\frac{2}{9}\right)^{-8} \cdot \left(\frac{2}{9}\right)^{-9} \cdot \left(\frac{2}{9}\right)^{-10}}{\left(\frac{2}{9}\right)^{-27}}$$

$$\frac{\left(\frac{3}{5}\right)^{-7} \cdot \left(\frac{3}{5}\right)^{-4} \cdot \left(\frac{3}{5}\right)^4 \cdot \left(\frac{3}{5}\right)^{-4}}{\left(\frac{3}{5}\right)^{-1} \cdot \left(\frac{3}{5}\right)^{11}}$$
$$\left(\frac{3}{5}\right)^{-21}$$

$$\frac{\left(\frac{2}{7}\right)^{11} \cdot \left(\frac{2}{7}\right)^9 \cdot \left(\frac{2}{7}\right)^{-10}}{\left(\frac{2}{7}\right)^{-1}}$$
$$\left(\frac{2}{7}\right)^{11}$$

$$\frac{\left(\frac{1}{4}\right)^{-1} \cdot \left(\frac{1}{4}\right)^{-5} \cdot \left(\frac{1}{4}\right)}{\left(\frac{1}{4}\right)^9}$$
$$\left(\frac{1}{4}\right)^{-14}$$

$$\frac{\left(\frac{3}{7}\right)^5 \cdot \left(\frac{3}{7}\right)^9 \cdot \left(\frac{3}{7}\right)^{-8}}{\left(\frac{3}{7}\right)^{-1}}$$
$$\left(\frac{3}{7}\right)^7$$

$$\frac{\left(\frac{1}{6}\right)^8 \cdot \left(\frac{1}{6}\right)^{-2} \cdot \left(\frac{1}{6}\right)^4}{\left(\frac{1}{6}\right)^{10}}$$

$$\frac{\left(\frac{1}{9}\right)^{-1} \cdot \left(\frac{1}{9}\right)^{10} \cdot \left(\frac{1}{9}\right)^{-9}}{\left(\frac{1}{9}\right)^{11}}$$
$$\left(\frac{1}{9}\right)^{-11}$$

$$\frac{\left(\frac{4}{9}\right)^{11} \cdot \left(\frac{4}{9}\right)^4 \cdot \left(\frac{4}{9}\right)^{-8}}{\left(\frac{4}{9}\right)^{-6}}$$
$$\left(\frac{4}{9}\right)^{13}$$