

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

Datum: \_\_\_\_\_ Poäng: \_\_\_\_\_

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

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

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

$$\left(\frac{3}{7}\right)^{11} \cdot \left(\frac{3}{7}\right)^{-4} \cdot \left(\frac{3}{7}\right)^{-9}$$

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

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

$$\frac{\left(\frac{2}{7}\right)^{-10} \cdot \left(\frac{2}{7}\right)^8 \cdot \left(\frac{2}{7}\right)^{10} \cdot \left(\frac{2}{7}\right)^{-8}}{\left(\frac{2}{7}\right)^{-2} \cdot \left(\frac{2}{7}\right)^{-1}}$$

$$\left(\frac{3}{8}\right)^9 \cdot \left(\frac{3}{8}\right)^5 \cdot \left(\frac{3}{8}\right)^6$$

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

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

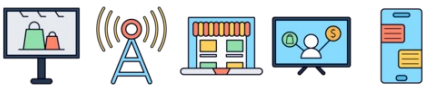
$$\frac{\left(\frac{4}{5}\right)^9 \cdot \left(\frac{4}{5}\right)^6 \cdot \left(\frac{4}{5}\right)^{-8} \cdot \left(\frac{4}{5}\right)^{-10}}{\left(\frac{4}{5}\right)^{-4} \cdot \left(\frac{4}{5}\right)^{-3}}$$

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

$$\frac{\left(\frac{1}{4}\right)^9 \cdot \left(\frac{1}{4}\right)^3 \cdot \left(\frac{1}{4}\right)^6 \cdot \left(\frac{1}{4}\right)^{-1}}{\left(\frac{1}{4}\right)^2 \cdot \left(\frac{1}{4}\right)^5}$$

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

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



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$$\frac{\left(\frac{2}{5}\right)^{-5} \cdot \left(\frac{2}{5}\right)^{-6} \cdot \left(\frac{2}{5}\right)^{-5} \cdot \left(\frac{2}{5}\right)^9}{\left(\frac{2}{5}\right)^2 \cdot \left(\frac{2}{5}\right)^{-6}}$$
$$\left(\frac{2}{5}\right)^{-3}$$

$$\frac{\left(\frac{1}{7}\right)^5 \cdot \left(\frac{1}{7}\right)^{-4} \cdot \left(\frac{1}{7}\right)^6}{\left(\frac{1}{7}\right)^{-8}}$$
$$\left(\frac{1}{7}\right)^{15}$$

$$\left(\frac{1}{9}\right)^{-3} \cdot \left(\frac{1}{9}\right)^{-9} \cdot \left(\frac{1}{9}\right)^{-8}$$
$$\left(\frac{1}{9}\right)^{-20}$$

$$\left(\frac{3}{7}\right)^{11} \cdot \left(\frac{3}{7}\right)^{-4} \cdot \left(\frac{3}{7}\right)^{-9}$$
$$\left(\frac{3}{7}\right)^{-2}$$

$$\frac{\left(\frac{2}{7}\right)^{-5} \cdot \left(\frac{2}{7}\right)^{-8} \cdot \left(\frac{2}{7}\right)^{-4}}{\left(\frac{2}{7}\right)^5}$$
$$\left(\frac{2}{7}\right)^{-22}$$

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

$$\frac{\left(\frac{2}{7}\right)^{-10} \cdot \left(\frac{2}{7}\right)^8 \cdot \left(\frac{2}{7}\right)^{10} \cdot \left(\frac{2}{7}\right)^{-8}}{\left(\frac{2}{7}\right)^{-2} \cdot \left(\frac{2}{7}\right)^{-1}}$$
$$\left(\frac{2}{7}\right)^3$$

$$\left(\frac{3}{8}\right)^9 \cdot \left(\frac{3}{8}\right)^5 \cdot \left(\frac{3}{8}\right)^6$$
$$\left(\frac{3}{8}\right)^{20}$$

$$\left(\frac{1}{5}\right)^3 \cdot \left(\frac{1}{5}\right)^9 \cdot \left(\frac{1}{5}\right)^{-1}$$
$$\left(\frac{1}{5}\right)^{11}$$

$$\frac{\left(\frac{1}{2}\right)^9 \cdot \left(\frac{1}{2}\right)^5 \cdot \left(\frac{1}{2}\right)^4 \cdot \left(\frac{1}{2}\right)^5}{\left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^{-7}}$$
$$\left(\frac{1}{2}\right)^{35}$$

$$\frac{\left(\frac{4}{5}\right)^9 \cdot \left(\frac{4}{5}\right)^6 \cdot \left(\frac{4}{5}\right)^{-8} \cdot \left(\frac{4}{5}\right)^{-10}}{\left(\frac{4}{5}\right)^{-4} \cdot \left(\frac{4}{5}\right)^{-3}}$$
$$\left(\frac{4}{5}\right)^4$$

$$\left(\frac{1}{2}\right)^{-10} \cdot \left(\frac{1}{2}\right)^{-10} \cdot \left(\frac{1}{2}\right)^3$$
$$\left(\frac{1}{2}\right)^{-17}$$

$$\frac{\left(\frac{1}{4}\right)^9 \cdot \left(\frac{1}{4}\right)^3 \cdot \left(\frac{1}{4}\right)^6 \cdot \left(\frac{1}{4}\right)^{-1}}{\left(\frac{1}{4}\right)^2 \cdot \left(\frac{1}{4}\right)^5}$$
$$\left(\frac{1}{4}\right)^{10}$$

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

$$\left(\frac{1}{8}\right)^{-2} \cdot \left(\frac{1}{8}\right)^{-10} \cdot \left(\frac{1}{8}\right)^5$$
$$\left(\frac{1}{8}\right)^{-7}$$