



namn: _____

Datum: _____ Poäng: _____

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

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

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

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

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

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

$$\frac{\left(\frac{4}{7}\right)^{-7} \cdot \left(\frac{4}{7}\right)^4 \cdot \left(\frac{4}{7}\right)^{-8} \cdot \left(\frac{4}{7}\right)^2}{\left(\frac{4}{7}\right)^{-1} \cdot \left(\frac{4}{7}\right)^3}$$

$$\left(\frac{1}{3}\right)^{-9} \cdot \left(\frac{1}{3}\right)^{11} \cdot \left(\frac{1}{3}\right)^4$$

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

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

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

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

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

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

$$\frac{\left(\frac{3}{5}\right)^{-6} \cdot \left(\frac{3}{5}\right)^{-1} \cdot \left(\frac{3}{5}\right)^{10} \cdot \left(\frac{3}{5}\right)^7}{\left(\frac{3}{5}\right)^{-5} \cdot \left(\frac{3}{5}\right)^6}$$



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

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

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

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

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

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

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

$$\left(\frac{1}{4}\right)^{22}$$

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

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

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

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

$$\frac{\left(\frac{4}{7}\right)^{-7} \cdot \left(\frac{4}{7}\right)^4 \cdot \left(\frac{4}{7}\right)^{-8} \cdot \left(\frac{4}{7}\right)^2}{\left(\frac{4}{7}\right)^{-1} \cdot \left(\frac{4}{7}\right)^3}$$

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

$$\left(\frac{1}{3}\right)^{-9} \cdot \left(\frac{1}{3}\right)^{11} \cdot \left(\frac{1}{3}\right)^4$$

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

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

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

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

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

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

$$\left(\frac{4}{5}\right)^{22}$$

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

$$\left(\frac{1}{2}\right)^{-18}$$

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

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

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

$$\left(\frac{1}{4}\right)^0$$

$$\frac{\left(\frac{3}{5}\right)^{-6} \cdot \left(\frac{3}{5}\right)^{-1} \cdot \left(\frac{3}{5}\right)^{10} \cdot \left(\frac{3}{5}\right)^7}{\left(\frac{3}{5}\right)^{-5} \cdot \left(\frac{3}{5}\right)^6}$$

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