



Förenkling av fraktionsexponenter (multiplikation)

namn: _____

Datum: _____ Poäng: _____

$$\left(\frac{1}{4}\right)^{-3} \cdot \left(\frac{1}{4}\right)^{-7} \cdot \left(\frac{1}{4}\right)^{-10} \cdot \left(\frac{1}{4}\right)^{-7}$$

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

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

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

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

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

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

$$\left(\frac{1}{9}\right)^{10} \cdot \left(\frac{1}{9}\right)^{-7} \cdot \left(\frac{1}{9}\right)^{-5} \cdot \left(\frac{1}{9}\right)^8$$

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

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

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

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

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

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

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