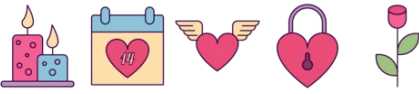


Simplificando os expoentes de fração
(multiplicação)



Nome: _____

Encontro: Data: _____ Pontuação: _____

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

$$\left(\frac{1}{3}\right)^{-2} \cdot \left(\frac{1}{3}\right)^{11}$$

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

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

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

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

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

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

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

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

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

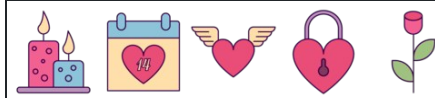
$$\left(\frac{3}{8}\right)^{10} \cdot \left(\frac{3}{8}\right)^8 \cdot \left(\frac{3}{8}\right)^7$$

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

$$\left(\frac{1}{4}\right)^8 \cdot \left(\frac{1}{4}\right) \cdot \left(\frac{1}{4}\right)^{11} \cdot \left(\frac{1}{4}\right)^5$$

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

Simplificando os expoentes de fração
(multiplicação)



Nome: _____

Encontro: Data: _____ Pontuação: _____

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

$$\left(\frac{1}{7}\right)^{-20}$$

$$\left(\frac{1}{3}\right)^{-2} \cdot \left(\frac{1}{3}\right)^{11}$$

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

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

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

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

$$\left(\frac{1}{2}\right)^{14}$$

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

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

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

$$\left(\frac{1}{8}\right)^0$$

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

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

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

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

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

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

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

$$\left(\frac{2}{9}\right)^{22}$$

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

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

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

$$\left(\frac{3}{8}\right)^{25}$$

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

$$\left(\frac{1}{6}\right)^{-10}$$

$$\left(\frac{1}{4}\right)^8 \cdot \left(\frac{1}{4}\right) \cdot \left(\frac{1}{4}\right)^{11} \cdot \left(\frac{1}{4}\right)^5$$

$$\left(\frac{1}{4}\right)^{25}$$

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

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