



Simplificando os expoentes de fração  
(multiplicação)

Nome: \_\_\_\_\_

Encontro: Data: \_\_\_\_\_ Pontuação: \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\left(\frac{1}{6}\right)^{-9} \cdot \left(\frac{1}{6}\right)^8$$