



Semplificare gli esponenti delle frazioni (Divisione)

Nome: _____

Data: _____ Punteggio: _____

$$\frac{\left(\frac{2}{7}\right)^{10} \cdot \left(\frac{2}{7}\right)^4 \cdot \left(\frac{2}{7}\right)^2}{\left(\frac{2}{7}\right)^9}$$

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

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

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

$$\left(\frac{1}{2}\right)^9 \cdot \left(\frac{1}{2}\right)^6 \cdot \left(\frac{1}{2}\right)^7$$

$$\left(\frac{1}{5}\right)^2 \cdot \left(\frac{1}{5}\right)^{11} \cdot \left(\frac{1}{5}\right)^3$$

$$\frac{\left(\frac{4}{5}\right)^5 \cdot \left(\frac{4}{5}\right)^{-3} \cdot \left(\frac{4}{5}\right)^{10} \cdot \left(\frac{4}{5}\right)^6}{\left(\frac{4}{5}\right)^{11} \cdot \left(\frac{4}{5}\right)^6}$$

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

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

$$\left(\frac{2}{5}\right)^9 \cdot \left(\frac{2}{5}\right)^{-2} \cdot \left(\frac{2}{5}\right)^{-8}$$

$$\left(\frac{2}{7}\right)^{-5} \cdot \left(\frac{2}{7}\right)^3 \cdot \left(\frac{2}{7}\right)^{-9}$$

$$\left(\frac{2}{7}\right)^2 \cdot \left(\frac{2}{7}\right)^{11} \cdot \left(\frac{2}{7}\right)^5$$

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

$$\frac{\left(\frac{4}{5}\right)^7 \cdot \left(\frac{4}{5}\right)^9 \cdot \left(\frac{4}{5}\right)^{-3}}{\left(\frac{4}{5}\right)^{-3}}$$

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



Nome: _____

Data: _____ Punteggio: _____

$$\frac{\left(\frac{2}{7}\right)^{10} \cdot \left(\frac{2}{7}\right)^4 \cdot \left(\frac{2}{7}\right)^2}{\left(\frac{2}{7}\right)^9}$$
$$\left(\frac{2}{7}\right)^7$$

$$\left(\frac{4}{5}\right)^7 \cdot \left(\frac{4}{5}\right)^8 \cdot \left(\frac{4}{5}\right)^4$$
$$\left(\frac{4}{5}\right)^{19}$$

$$\left(\frac{1}{3}\right)^{-7} \cdot \left(\frac{1}{3}\right)^{-1} \cdot \left(\frac{1}{3}\right)^2$$
$$\left(\frac{1}{3}\right)^{-6}$$

$$\frac{\left(\frac{4}{5}\right)^9 \cdot \left(\frac{4}{5}\right)^{-3} \cdot \left(\frac{4}{5}\right)^{-5} \cdot \left(\frac{4}{5}\right)^{-8}}{\left(\frac{4}{5}\right) \cdot \left(\frac{4}{5}\right)^8}$$
$$\left(\frac{4}{5}\right)^{-16}$$

$$\left(\frac{1}{2}\right)^9 \cdot \left(\frac{1}{2}\right)^6 \cdot \left(\frac{1}{2}\right)^7$$
$$\left(\frac{1}{2}\right)^{22}$$

$$\left(\frac{1}{5}\right)^2 \cdot \left(\frac{1}{5}\right)^{11} \cdot \left(\frac{1}{5}\right)^3$$
$$\left(\frac{1}{5}\right)^{16}$$

$$\frac{\left(\frac{4}{5}\right)^5 \cdot \left(\frac{4}{5}\right)^{-3} \cdot \left(\frac{4}{5}\right)^{10} \cdot \left(\frac{4}{5}\right)^6}{\left(\frac{4}{5}\right)^{11} \cdot \left(\frac{4}{5}\right)^6}$$
$$\left(\frac{4}{5}\right)$$

$$\left(\frac{4}{7}\right)^{-3} \cdot \left(\frac{4}{7}\right)^{11} \cdot \left(\frac{4}{7}\right)^4$$
$$\left(\frac{4}{7}\right)^{12}$$

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

$$\left(\frac{2}{5}\right)^9 \cdot \left(\frac{2}{5}\right)^{-2} \cdot \left(\frac{2}{5}\right)^{-8}$$
$$\left(\frac{2}{5}\right)^{-1}$$

$$\left(\frac{2}{7}\right)^{-5} \cdot \left(\frac{2}{7}\right)^3 \cdot \left(\frac{2}{7}\right)^{-9}$$
$$\left(\frac{2}{7}\right)^{-11}$$

$$\left(\frac{2}{7}\right)^2 \cdot \left(\frac{2}{7}\right)^{11} \cdot \left(\frac{2}{7}\right)^5$$
$$\left(\frac{2}{7}\right)^{18}$$

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

$$\frac{\left(\frac{4}{5}\right)^7 \cdot \left(\frac{4}{5}\right)^9 \cdot \left(\frac{4}{5}\right)^{-3}}{\left(\frac{4}{5}\right)^{-3}}$$
$$\left(\frac{4}{5}\right)^{16}$$

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