



Vereenvoudiging van breukexponenten
(vermenigvuldiging)

Naam: _____

Datum: _____ Score: _____

$$\left(\frac{1}{6}\right)^{10} \cdot \left(\frac{1}{6}\right)^{-8} \cdot \left(\frac{1}{6}\right)^{11} \cdot \left(\frac{1}{6}\right)^{-9}$$

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

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

$$\left(\frac{4}{7}\right)^{-10} \cdot \left(\frac{4}{7}\right)^{-9} \cdot \left(\frac{4}{7}\right)^{-3} \cdot \left(\frac{4}{7}\right)^{-1}$$

$$\left(\frac{3}{8}\right)^{-8} \cdot \left(\frac{3}{8}\right)^{-8} \cdot \left(\frac{3}{8}\right)^{-4} \cdot \left(\frac{3}{8}\right)^{-10}$$

$$\left(\frac{3}{8}\right)^{-2} \cdot \left(\frac{3}{8}\right)^{-5}$$

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

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

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

$$\left(\frac{4}{9}\right)^{-7} \cdot \left(\frac{4}{9}\right)^{-1} \cdot \left(\frac{4}{9}\right)^{-10}$$

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

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

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

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

$$\left(\frac{1}{5}\right) \cdot \left(\frac{1}{5}\right)^{-7} \cdot \left(\frac{1}{5}\right) \cdot \left(\frac{1}{5}\right)^{11}$$



Vereenvoudiging van breukexponenten
(vermenigvuldiging)

Naam: _____

Datum: _____ Score: _____

$$\left(\frac{1}{6}\right)^{10} \cdot \left(\frac{1}{6}\right)^{-8} \cdot \left(\frac{1}{6}\right)^{11} \cdot \left(\frac{1}{6}\right)^{-9}$$
$$\left(\frac{1}{6}\right)^4$$

$$\left(\frac{3}{5}\right)^{-1} \cdot \left(\frac{3}{5}\right)^{11} \cdot \left(\frac{3}{5}\right)^{-3} \cdot \left(\frac{3}{5}\right)^5$$
$$\left(\frac{3}{5}\right)^{12}$$

$$\left(\frac{1}{3}\right)^5 \cdot \left(\frac{1}{3}\right)^7$$
$$\left(\frac{1}{3}\right)^{12}$$

$$\left(\frac{4}{7}\right)^{-10} \cdot \left(\frac{4}{7}\right)^{-9} \cdot \left(\frac{4}{7}\right)^{-3} \cdot \left(\frac{4}{7}\right)^{-1}$$
$$\left(\frac{4}{7}\right)^{-23}$$

$$\left(\frac{3}{8}\right)^{-8} \cdot \left(\frac{3}{8}\right)^{-8} \cdot \left(\frac{3}{8}\right)^{-4} \cdot \left(\frac{3}{8}\right)^{-10}$$
$$\left(\frac{3}{8}\right)^{-30}$$

$$\left(\frac{3}{8}\right)^{-2} \cdot \left(\frac{3}{8}\right)^{-5}$$
$$\left(\frac{3}{8}\right)^{-7}$$

$$\left(\frac{1}{3}\right)^{11} \cdot \left(\frac{1}{3}\right)^{-2} \cdot \left(\frac{1}{3}\right)^{-2} \cdot \left(\frac{1}{3}\right)^3$$
$$\left(\frac{1}{3}\right)^{10}$$

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

$$\left(\frac{1}{3}\right) \cdot \left(\frac{1}{3}\right)^{-5} \cdot \left(\frac{1}{3}\right)^{10} \cdot \left(\frac{1}{3}\right)^{10}$$
$$\left(\frac{1}{3}\right)^{16}$$

$$\left(\frac{4}{9}\right)^{-7} \cdot \left(\frac{4}{9}\right)^{-1} \cdot \left(\frac{4}{9}\right)^{-10}$$
$$\left(\frac{4}{9}\right)^{-18}$$

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

$$\left(\frac{2}{3}\right)^{10} \cdot \left(\frac{2}{3}\right)^{-2} \cdot \left(\frac{2}{3}\right)^{10} \cdot \left(\frac{2}{3}\right)^{-2}$$
$$\left(\frac{2}{3}\right)^{16}$$

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

$$\left(\frac{1}{4}\right)^{-1} \cdot \left(\frac{1}{4}\right)^{11}$$
$$\left(\frac{1}{4}\right)^{10}$$

$$\left(\frac{1}{5}\right) \cdot \left(\frac{1}{5}\right)^{-7} \cdot \left(\frac{1}{5}\right) \cdot \left(\frac{1}{5}\right)^{11}$$
$$\left(\frac{1}{5}\right)^6$$