



Vereenvoudiging van breukexponenten  
(vermenigvuldiging)

Naam: \_\_\_\_\_

Datum: \_\_\_\_\_ Score: \_\_\_\_\_

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

$$\left(\frac{1}{8}\right)^{-3} \cdot \left(\frac{1}{8}\right)^8 \cdot \left(\frac{1}{8}\right)^9 \cdot \left(\frac{1}{8}\right)^9$$

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

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

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

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

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

$$\left(\frac{1}{3}\right)^{-6} \cdot \left(\frac{1}{3}\right)^{-1} \cdot \left(\frac{1}{3}\right)^{10}$$

$$\left(\frac{1}{3}\right)^{10} \cdot \left(\frac{1}{3}\right)^6 \cdot \left(\frac{1}{3}\right)^{-9}$$

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

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

$$\left(\frac{1}{5}\right)^{-10} \cdot \left(\frac{1}{5}\right)^{-10} \cdot \left(\frac{1}{5}\right)^4 \cdot \left(\frac{1}{5}\right)^6$$

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

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

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



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$$\left(\frac{4}{5}\right)^{10} \cdot \left(\frac{4}{5}\right)^{-10} \cdot \left(\frac{4}{5}\right)^{-2} \cdot \left(\frac{4}{5}\right)$$
$$\left(\frac{4}{5}\right)^{-1}$$

$$\left(\frac{1}{8}\right)^{-3} \cdot \left(\frac{1}{8}\right)^8 \cdot \left(\frac{1}{8}\right)^9 \cdot \left(\frac{1}{8}\right)^9$$
$$\left(\frac{1}{8}\right)^{23}$$

$$\left(\frac{4}{9}\right)^{-10} \cdot \left(\frac{4}{9}\right)^{11} \cdot \left(\frac{4}{9}\right)^{11} \cdot \left(\frac{4}{9}\right)^9$$
$$\left(\frac{4}{9}\right)^{21}$$

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

$$\left(\frac{1}{4}\right)^{-6} \cdot \left(\frac{1}{4}\right)^{-10}$$
$$\left(\frac{1}{4}\right)^{-16}$$

$$\left(\frac{4}{9}\right)^{11} \cdot \left(\frac{4}{9}\right)^{-6}$$
$$\left(\frac{4}{9}\right)^5$$

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

$$\left(\frac{1}{3}\right)^{-6} \cdot \left(\frac{1}{3}\right)^{-1} \cdot \left(\frac{1}{3}\right)^{10}$$
$$\left(\frac{1}{3}\right)^3$$

$$\left(\frac{1}{3}\right)^{10} \cdot \left(\frac{1}{3}\right)^6 \cdot \left(\frac{1}{3}\right)^{-9}$$
$$\left(\frac{1}{3}\right)^7$$

$$\left(\frac{1}{8}\right)^{-8} \cdot \left(\frac{1}{8}\right)^{-1} \cdot \left(\frac{1}{8}\right) \cdot \left(\frac{1}{8}\right)^{-10}$$
$$\left(\frac{1}{8}\right)^{-18}$$

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

$$\left(\frac{1}{5}\right)^{-10} \cdot \left(\frac{1}{5}\right)^{-10} \cdot \left(\frac{1}{5}\right)^4 \cdot \left(\frac{1}{5}\right)^6$$
$$\left(\frac{1}{5}\right)^{-10}$$

$$\left(\frac{4}{9}\right)^5 \cdot \left(\frac{4}{9}\right)^{-10} \cdot \left(\frac{4}{9}\right)^4$$
$$\left(\frac{4}{9}\right)^{-1}$$

$$\left(\frac{2}{7}\right) \cdot \left(\frac{2}{7}\right)^{-8} \cdot \left(\frac{2}{7}\right)^{-5}$$
$$\left(\frac{2}{7}\right)^{-12}$$

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