



Vereenvoudiging van breukexponenten
(vermenigvuldiging)

Naam: _____

Datum: _____ Score: _____

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

$$\left(\frac{3}{8}\right)^9 \cdot \left(\frac{3}{8}\right)^{11} \cdot \left(\frac{3}{8}\right)^{11} \cdot \left(\frac{3}{8}\right)^{-10}$$

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

$$\left(\frac{2}{7}\right)^{-3} \cdot \left(\frac{2}{7}\right)^{10} \cdot \left(\frac{2}{7}\right)^2 \cdot \left(\frac{2}{7}\right)^{-7}$$

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

$$\left(\frac{1}{9}\right)^5 \cdot \left(\frac{1}{9}\right)^3 \cdot \left(\frac{1}{9}\right)^{-6}$$

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

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

$$\left(\frac{3}{7}\right)^{-4} \cdot \left(\frac{3}{7}\right)^6 \cdot \left(\frac{3}{7}\right)^{-1}$$

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

$$\left(\frac{1}{2}\right)^2 \cdot \left(\frac{1}{2}\right)^{-7} \cdot \left(\frac{1}{2}\right)^4$$

$$\left(\frac{2}{9}\right)^{11} \cdot \left(\frac{2}{9}\right)^{-3} \cdot \left(\frac{2}{9}\right)^6 \cdot \left(\frac{2}{9}\right)$$

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

$$\left(\frac{2}{5}\right)^{-2} \cdot \left(\frac{2}{5}\right)^6 \cdot \left(\frac{2}{5}\right)$$

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



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$$\left(\frac{1}{2}\right)^2 \cdot \left(\frac{1}{2}\right)^9$$
$$\left(\frac{1}{2}\right)^{11}$$

$$\left(\frac{3}{8}\right)^9 \cdot \left(\frac{3}{8}\right)^{11} \cdot \left(\frac{3}{8}\right)^{11} \cdot \left(\frac{3}{8}\right)^{-10}$$
$$\left(\frac{3}{8}\right)^{21}$$

$$\left(\frac{4}{9}\right)^{11} \cdot \left(\frac{4}{9}\right)^4$$
$$\left(\frac{4}{9}\right)^{15}$$

$$\left(\frac{2}{7}\right)^{-3} \cdot \left(\frac{2}{7}\right)^{10} \cdot \left(\frac{2}{7}\right)^2 \cdot \left(\frac{2}{7}\right)^{-7}$$
$$\left(\frac{2}{7}\right)^2$$

$$\left(\frac{4}{9}\right)^{-3} \cdot \left(\frac{4}{9}\right)^{-10} \cdot \left(\frac{4}{9}\right) \cdot \left(\frac{4}{9}\right)^4$$
$$\left(\frac{4}{9}\right)^{-8}$$

$$\left(\frac{1}{9}\right)^5 \cdot \left(\frac{1}{9}\right)^3 \cdot \left(\frac{1}{9}\right)^{-6}$$
$$\left(\frac{1}{9}\right)^2$$

$$\left(\frac{1}{3}\right)^2 \cdot \left(\frac{1}{3}\right)^{-10}$$
$$\left(\frac{1}{3}\right)^{-8}$$

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

$$\left(\frac{3}{7}\right)^{-4} \cdot \left(\frac{3}{7}\right)^6 \cdot \left(\frac{3}{7}\right)^{-1}$$
$$\left(\frac{3}{7}\right)$$

$$\left(\frac{1}{7}\right)^6 \cdot \left(\frac{1}{7}\right) \cdot \left(\frac{1}{7}\right)^9$$
$$\left(\frac{1}{7}\right)^{16}$$

$$\left(\frac{1}{2}\right)^2 \cdot \left(\frac{1}{2}\right)^{-7} \cdot \left(\frac{1}{2}\right)^4$$
$$\left(\frac{1}{2}\right)^{-1}$$

$$\left(\frac{2}{9}\right)^{11} \cdot \left(\frac{2}{9}\right)^{-3} \cdot \left(\frac{2}{9}\right)^6 \cdot \left(\frac{2}{9}\right)$$
$$\left(\frac{2}{9}\right)^{15}$$

$$\left(\frac{1}{3}\right)^8 \cdot \left(\frac{1}{3}\right)^8$$
$$\left(\frac{1}{3}\right)^{16}$$

$$\left(\frac{2}{5}\right)^{-2} \cdot \left(\frac{2}{5}\right)^6 \cdot \left(\frac{2}{5}\right)$$
$$\left(\frac{2}{5}\right)^5$$

$$\left(\frac{1}{4}\right)^{10} \cdot \left(\frac{1}{4}\right)^{-6} \cdot \left(\frac{1}{4}\right)^8 \cdot \left(\frac{1}{4}\right)^{10}$$
$$\left(\frac{1}{4}\right)^{22}$$