



Vereenvoudiging van breukexponenten
(vermenigvuldiging)

Naam: _____

Datum: _____ Score: _____

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

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

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

$$\left(\frac{1}{5}\right)^{-8} \cdot \left(\frac{1}{5}\right)^{11} \cdot \left(\frac{1}{5}\right)^{-3}$$

$$\left(\frac{3}{5}\right)^{-9} \cdot \left(\frac{3}{5}\right)^{10} \cdot \left(\frac{3}{5}\right)^{11}$$

$$\left(\frac{1}{7}\right)^{-4} \cdot \left(\frac{1}{7}\right)^{-7} \cdot \left(\frac{1}{7}\right)^{-8} \cdot \left(\frac{1}{7}\right)^3$$

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

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

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

$$\left(\frac{1}{3}\right)^5 \cdot \left(\frac{1}{3}\right)^9 \cdot \left(\frac{1}{3}\right)^8$$

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

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

$$\left(\frac{1}{2}\right)^{11} \cdot \left(\frac{1}{2}\right)^{-4} \cdot \left(\frac{1}{2}\right)^2 \cdot \left(\frac{1}{2}\right)^{11}$$

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

$$\left(\frac{2}{3}\right)^{-4} \cdot \left(\frac{2}{3}\right)^{-1}$$



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$$\left(\frac{2}{9}\right)^2 \cdot \left(\frac{2}{9}\right)^7 \cdot \left(\frac{2}{9}\right)^2 \cdot \left(\frac{2}{9}\right)^{-6}$$
$$\left(\frac{2}{9}\right)^5$$

$$\left(\frac{2}{5}\right)^2 \cdot \left(\frac{2}{5}\right)^6 \cdot \left(\frac{2}{5}\right)^3$$
$$\left(\frac{2}{5}\right)^{11}$$

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

$$\left(\frac{1}{5}\right)^{-8} \cdot \left(\frac{1}{5}\right)^{11} \cdot \left(\frac{1}{5}\right)^{-3}$$
$$\left(\frac{1}{5}\right)^0$$

$$\left(\frac{3}{5}\right)^{-9} \cdot \left(\frac{3}{5}\right)^{10} \cdot \left(\frac{3}{5}\right)^{11}$$
$$\left(\frac{3}{5}\right)^{12}$$

$$\left(\frac{1}{7}\right)^{-4} \cdot \left(\frac{1}{7}\right)^{-7} \cdot \left(\frac{1}{7}\right)^{-8} \cdot \left(\frac{1}{7}\right)^3$$
$$\left(\frac{1}{7}\right)^{-16}$$

$$\left(\frac{1}{3}\right)^{-9} \cdot \left(\frac{1}{3}\right)^{-7} \cdot \left(\frac{1}{3}\right)^{-10} \cdot \left(\frac{1}{3}\right)^9$$
$$\left(\frac{1}{3}\right)^{-17}$$

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

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

$$\left(\frac{1}{3}\right)^5 \cdot \left(\frac{1}{3}\right)^9 \cdot \left(\frac{1}{3}\right)^8$$
$$\left(\frac{1}{3}\right)^{22}$$

$$\left(\frac{1}{2}\right)^5 \cdot \left(\frac{1}{2}\right)^4$$
$$\left(\frac{1}{2}\right)^9$$

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

$$\left(\frac{1}{2}\right)^{11} \cdot \left(\frac{1}{2}\right)^{-4} \cdot \left(\frac{1}{2}\right)^2 \cdot \left(\frac{1}{2}\right)^{11}$$
$$\left(\frac{1}{2}\right)^{20}$$

$$\left(\frac{4}{5}\right)^{-7} \cdot \left(\frac{4}{5}\right)$$
$$\left(\frac{4}{5}\right)^{-6}$$

$$\left(\frac{2}{3}\right)^{-4} \cdot \left(\frac{2}{3}\right)^{-1}$$
$$\left(\frac{2}{3}\right)^{-5}$$