



Vereenvoudiging van breukexponenten
(vermenigvuldiging)

Naam: _____

Datum: _____ Score: _____

$$\left(\frac{3}{5}\right)^{-8} \cdot \left(\frac{3}{5}\right)^{-5} \cdot \left(\frac{3}{5}\right)^7 \cdot \left(\frac{3}{5}\right)^{-1}$$

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

$$\left(\frac{3}{8}\right)^6 \cdot \left(\frac{3}{8}\right)^{-5}$$

$$\left(\frac{2}{7}\right)^5 \cdot \left(\frac{2}{7}\right)^{-6} \cdot \left(\frac{2}{7}\right)^7 \cdot \left(\frac{2}{7}\right)^8$$

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

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

$$\left(\frac{3}{8}\right)^4 \cdot \left(\frac{3}{8}\right)^6$$

$$\left(\frac{2}{7}\right)^{10} \cdot \left(\frac{2}{7}\right)^{-1} \cdot \left(\frac{2}{7}\right)^{-6} \cdot \left(\frac{2}{7}\right)^{-4}$$

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

$$\left(\frac{1}{3}\right)^{-7} \cdot \left(\frac{1}{3}\right)^{11}$$

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

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

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

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

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



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$$\left(\frac{3}{5}\right)^{-8} \cdot \left(\frac{3}{5}\right)^{-5} \cdot \left(\frac{3}{5}\right)^7 \cdot \left(\frac{3}{5}\right)^{-1}$$
$$\left(\frac{3}{5}\right)^{-7}$$

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

$$\left(\frac{3}{8}\right)^6 \cdot \left(\frac{3}{8}\right)^{-5}$$
$$\left(\frac{3}{8}\right)$$

$$\left(\frac{2}{7}\right)^5 \cdot \left(\frac{2}{7}\right)^{-6} \cdot \left(\frac{2}{7}\right)^7 \cdot \left(\frac{2}{7}\right)^8$$
$$\left(\frac{2}{7}\right)^{14}$$

$$\left(\frac{1}{2}\right)^{-1} \cdot \left(\frac{1}{2}\right)^{-10} \cdot \left(\frac{1}{2}\right)^{-1} \cdot \left(\frac{1}{2}\right)^3$$
$$\left(\frac{1}{2}\right)^{-9}$$

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

$$\left(\frac{3}{8}\right)^4 \cdot \left(\frac{3}{8}\right)^6$$
$$\left(\frac{3}{8}\right)^{10}$$

$$\left(\frac{2}{7}\right)^{10} \cdot \left(\frac{2}{7}\right)^{-1} \cdot \left(\frac{2}{7}\right)^{-6} \cdot \left(\frac{2}{7}\right)^{-4}$$
$$\left(\frac{2}{7}\right)^{-1}$$

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

$$\left(\frac{1}{3}\right)^{-7} \cdot \left(\frac{1}{3}\right)^{11}$$
$$\left(\frac{1}{3}\right)^4$$

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

$$\left(\frac{2}{7}\right)^8 \cdot \left(\frac{2}{7}\right)^8$$
$$\left(\frac{2}{7}\right)^{16}$$

$$\left(\frac{1}{3}\right)^{-6} \cdot \left(\frac{1}{3}\right)^{-4}$$
$$\left(\frac{1}{3}\right)^{-10}$$

$$\left(\frac{1}{3}\right)^{-4} \cdot \left(\frac{1}{3}\right)^{-6}$$
$$\left(\frac{1}{3}\right)^{-10}$$

$$\left(\frac{2}{9}\right)^{-3} \cdot \left(\frac{2}{9}\right)^{-3} \cdot \left(\frac{2}{9}\right)^{-7}$$
$$\left(\frac{2}{9}\right)^{-13}$$