



Vereenvoudiging van breukexponenten
(vermenigvuldiging)

Naam: _____

Datum: _____ Score: _____

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

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

$$\left(\frac{4}{7}\right)^5 \cdot \left(\frac{4}{7}\right)^{-8}$$

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

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

$$\left(\frac{1}{5}\right)^{-9} \cdot \left(\frac{1}{5}\right)^{10} \cdot \left(\frac{1}{5}\right)^{-6} \cdot \left(\frac{1}{5}\right)^9$$

$$\left(\frac{1}{6}\right)^{-9} \cdot \left(\frac{1}{6}\right)^{-5} \cdot \left(\frac{1}{6}\right)^{-8}$$

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

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

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

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

$$\left(\frac{2}{5}\right) \cdot \left(\frac{2}{5}\right)^{-3} \cdot \left(\frac{2}{5}\right)^{10} \cdot \left(\frac{2}{5}\right)^{-5}$$

$$\left(\frac{4}{5}\right)^7 \cdot \left(\frac{4}{5}\right)^{-3}$$

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

$$\left(\frac{1}{8}\right)^5 \cdot \left(\frac{1}{8}\right)^7 \cdot \left(\frac{1}{8}\right)^{-3} \cdot \left(\frac{1}{8}\right)^9$$



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

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

$$\left(\frac{4}{7}\right)^5 \cdot \left(\frac{4}{7}\right)^{-8}$$
$$\left(\frac{4}{7}\right)^{-3}$$

$$\left(\frac{2}{3}\right)^{-6} \cdot \left(\frac{2}{3}\right)^{-1}$$
$$\left(\frac{2}{3}\right)^{-7}$$

$$\left(\frac{1}{2}\right)^5 \cdot \left(\frac{1}{2}\right)^{10}$$
$$\left(\frac{1}{2}\right)^{15}$$

$$\left(\frac{1}{5}\right)^{-9} \cdot \left(\frac{1}{5}\right)^{10} \cdot \left(\frac{1}{5}\right)^{-6} \cdot \left(\frac{1}{5}\right)^9$$
$$\left(\frac{1}{5}\right)^4$$

$$\left(\frac{1}{6}\right)^{-9} \cdot \left(\frac{1}{6}\right)^{-5} \cdot \left(\frac{1}{6}\right)^{-8}$$
$$\left(\frac{1}{6}\right)^{-22}$$

$$\left(\frac{1}{3}\right)^{-3} \cdot \left(\frac{1}{3}\right)^{-1} \cdot \left(\frac{1}{3}\right)^2 \cdot \left(\frac{1}{3}\right)^{11}$$
$$\left(\frac{1}{3}\right)^9$$

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

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

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

$$\left(\frac{2}{5}\right) \cdot \left(\frac{2}{5}\right)^{-3} \cdot \left(\frac{2}{5}\right)^{10} \cdot \left(\frac{2}{5}\right)^{-5}$$
$$\left(\frac{2}{5}\right)^3$$

$$\left(\frac{4}{5}\right)^7 \cdot \left(\frac{4}{5}\right)^{-3}$$
$$\left(\frac{4}{5}\right)^4$$

$$\left(\frac{1}{3}\right)^2 \cdot \left(\frac{1}{3}\right)^9$$
$$\left(\frac{1}{3}\right)^{11}$$

$$\left(\frac{1}{8}\right)^5 \cdot \left(\frac{1}{8}\right)^7 \cdot \left(\frac{1}{8}\right)^{-3} \cdot \left(\frac{1}{8}\right)^9$$
$$\left(\frac{1}{8}\right)^{18}$$