

Forenkling af brøkeksponenter (multiplikation)

Navn: _____

Dato: _____ Score: _____

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

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

$$\left(\frac{1}{4}\right)^6 \cdot \left(\frac{1}{4}\right)^5 \cdot \left(\frac{1}{4}\right)^{-3}$$

$$\left(\frac{4}{5}\right)^8 \cdot \left(\frac{4}{5}\right)^8 \cdot \left(\frac{4}{5}\right)^9 \cdot \left(\frac{4}{5}\right)^2$$

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

$$\left(\frac{1}{2}\right)^{-8} \cdot \left(\frac{1}{2}\right)^{-2} \cdot \left(\frac{1}{2}\right)^7 \cdot \left(\frac{1}{2}\right)$$

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

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

$$\left(\frac{4}{9}\right)^5 \cdot \left(\frac{4}{9}\right)^{-3} \cdot \left(\frac{4}{9}\right)^6$$

$$\left(\frac{1}{8}\right)^{-5} \cdot \left(\frac{1}{8}\right)^2$$

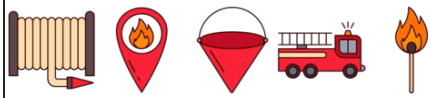
$$\left(\frac{1}{8}\right)^6 \cdot \left(\frac{1}{8}\right)^3$$

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

$$\left(\frac{1}{8}\right)^{10} \cdot \left(\frac{1}{8}\right)^4 \cdot \left(\frac{1}{8}\right)^{-7} \cdot \left(\frac{1}{8}\right)^8$$

$$\left(\frac{4}{9}\right)^{-2} \cdot \left(\frac{4}{9}\right)^{-8}$$

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



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$$\left(\frac{1}{9}\right)^{11} \cdot \left(\frac{1}{9}\right) \cdot \left(\frac{1}{9}\right)^{-9} \cdot \left(\frac{1}{9}\right)$$
$$\left(\frac{1}{9}\right)^4$$

$$\left(\frac{4}{9}\right)^{-9} \cdot \left(\frac{4}{9}\right)^8$$
$$\left(\frac{4}{9}\right)^{-1}$$

$$\left(\frac{1}{4}\right)^6 \cdot \left(\frac{1}{4}\right)^5 \cdot \left(\frac{1}{4}\right)^{-3}$$
$$\left(\frac{1}{4}\right)^8$$

$$\left(\frac{4}{5}\right)^8 \cdot \left(\frac{4}{5}\right)^8 \cdot \left(\frac{4}{5}\right)^9 \cdot \left(\frac{4}{5}\right)^2$$
$$\left(\frac{4}{5}\right)^{27}$$

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

$$\left(\frac{1}{2}\right)^{-8} \cdot \left(\frac{1}{2}\right)^{-2} \cdot \left(\frac{1}{2}\right)^7 \cdot \left(\frac{1}{2}\right)$$
$$\left(\frac{1}{2}\right)^{-2}$$

$$\left(\frac{2}{3}\right)^{-3} \cdot \left(\frac{2}{3}\right)^{-9} \cdot \left(\frac{2}{3}\right)^{-7}$$
$$\left(\frac{2}{3}\right)^{-19}$$

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

$$\left(\frac{4}{9}\right)^5 \cdot \left(\frac{4}{9}\right)^{-3} \cdot \left(\frac{4}{9}\right)^6$$
$$\left(\frac{4}{9}\right)^8$$

$$\left(\frac{1}{8}\right)^{-5} \cdot \left(\frac{1}{8}\right)^2$$
$$\left(\frac{1}{8}\right)^{-3}$$

$$\left(\frac{1}{8}\right)^6 \cdot \left(\frac{1}{8}\right)^3$$
$$\left(\frac{1}{8}\right)^9$$

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

$$\left(\frac{1}{8}\right)^{10} \cdot \left(\frac{1}{8}\right)^4 \cdot \left(\frac{1}{8}\right)^{-7} \cdot \left(\frac{1}{8}\right)^8$$
$$\left(\frac{1}{8}\right)^{15}$$

$$\left(\frac{4}{9}\right)^{-2} \cdot \left(\frac{4}{9}\right)^{-8}$$
$$\left(\frac{4}{9}\right)^{-10}$$

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