



Forenkling af brøkeksponenter (multiplikation)

Navn: _____

Dato: _____ Score: _____

$$\left(\frac{1}{5}\right)^{10} \cdot \left(\frac{1}{5}\right)^7 \cdot \left(\frac{1}{5}\right)$$

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

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

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

$$\left(\frac{4}{5}\right)^{11} \cdot \left(\frac{4}{5}\right)^{-7} \cdot \left(\frac{4}{5}\right)^{11}$$

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

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

$$\left(\frac{1}{8}\right) \cdot \left(\frac{1}{8}\right)^{11} \cdot \left(\frac{1}{8}\right)^6 \cdot \left(\frac{1}{8}\right)^5$$

$$\left(\frac{1}{6}\right)^3 \cdot \left(\frac{1}{6}\right) \cdot \left(\frac{1}{6}\right)^{10} \cdot \left(\frac{1}{6}\right)^{-2}$$

$$\left(\frac{4}{9}\right)^3 \cdot \left(\frac{4}{9}\right)^{-9} \cdot \left(\frac{4}{9}\right)^3 \cdot \left(\frac{4}{9}\right)^{-1}$$

$$\left(\frac{3}{8}\right)^{-8} \cdot \left(\frac{3}{8}\right)^{-9} \cdot \left(\frac{3}{8}\right)^5 \cdot \left(\frac{3}{8}\right)^{-10}$$

$$\left(\frac{4}{9}\right)^{-8} \cdot \left(\frac{4}{9}\right)^7 \cdot \left(\frac{4}{9}\right)^4$$

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

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

$$\left(\frac{1}{6}\right)^{11} \cdot \left(\frac{1}{6}\right)^{-8}$$



Navn: _____

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$$\left(\frac{1}{5}\right)^{10} \cdot \left(\frac{1}{5}\right)^7 \cdot \left(\frac{1}{5}\right)$$
$$\left(\frac{1}{5}\right)^{18}$$

$$\left(\frac{1}{6}\right)^{-1} \cdot \left(\frac{1}{6}\right)^{-7} \cdot \left(\frac{1}{6}\right)^{-4}$$
$$\left(\frac{1}{6}\right)^{-12}$$

$$\left(\frac{1}{6}\right)^{-8} \cdot \left(\frac{1}{6}\right)$$
$$\left(\frac{1}{6}\right)^{-7}$$

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

$$\left(\frac{4}{5}\right)^{11} \cdot \left(\frac{4}{5}\right)^{-7} \cdot \left(\frac{4}{5}\right)^{11}$$
$$\left(\frac{4}{5}\right)^{15}$$

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

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

$$\left(\frac{1}{8}\right) \cdot \left(\frac{1}{8}\right)^{11} \cdot \left(\frac{1}{8}\right)^6 \cdot \left(\frac{1}{8}\right)^5$$
$$\left(\frac{1}{8}\right)^{23}$$

$$\left(\frac{1}{6}\right)^3 \cdot \left(\frac{1}{6}\right) \cdot \left(\frac{1}{6}\right)^{10} \cdot \left(\frac{1}{6}\right)^{-2}$$
$$\left(\frac{1}{6}\right)^{12}$$

$$\left(\frac{4}{9}\right)^3 \cdot \left(\frac{4}{9}\right)^{-9} \cdot \left(\frac{4}{9}\right)^3 \cdot \left(\frac{4}{9}\right)^{-1}$$
$$\left(\frac{4}{9}\right)^{-4}$$

$$\left(\frac{3}{8}\right)^{-8} \cdot \left(\frac{3}{8}\right)^{-9} \cdot \left(\frac{3}{8}\right)^5 \cdot \left(\frac{3}{8}\right)^{-10}$$
$$\left(\frac{3}{8}\right)^{-22}$$

$$\left(\frac{4}{9}\right)^{-8} \cdot \left(\frac{4}{9}\right)^7 \cdot \left(\frac{4}{9}\right)^4$$
$$\left(\frac{4}{9}\right)^3$$

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

$$\left(\frac{3}{7}\right) \cdot \left(\frac{3}{7}\right)^{-2} \cdot \left(\frac{3}{7}\right)^2 \cdot \left(\frac{3}{7}\right)^{-10}$$
$$\left(\frac{3}{7}\right)^{-9}$$

$$\left(\frac{1}{6}\right)^{11} \cdot \left(\frac{1}{6}\right)^{-8}$$
$$\left(\frac{1}{6}\right)^3$$