



Forenkling af brøkeksponenter (multiplikation)

Navn: _____

Dato: _____ Score: _____

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

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

$$\left(\frac{4}{7}\right)^{-8} \cdot \left(\frac{4}{7}\right)^{-2} \cdot \left(\frac{4}{7}\right)$$

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

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

$$\left(\frac{1}{3}\right)^{-10} \cdot \left(\frac{1}{3}\right)^2 \cdot \left(\frac{1}{3}\right) \cdot \left(\frac{1}{3}\right)^{11}$$

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

$$\left(\frac{4}{9}\right)^{10} \cdot \left(\frac{4}{9}\right)^{11} \cdot \left(\frac{4}{9}\right)^{-9}$$

$$\left(\frac{3}{8}\right)^9 \cdot \left(\frac{3}{8}\right)^{11} \cdot \left(\frac{3}{8}\right)^{-2} \cdot \left(\frac{3}{8}\right)^{-3}$$

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

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

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

$$\left(\frac{2}{3}\right)^{-8} \cdot \left(\frac{2}{3}\right)^{-6} \cdot \left(\frac{2}{3}\right)^{-3}$$

$$\left(\frac{4}{9}\right)^5 \cdot \left(\frac{4}{9}\right)^5 \cdot \left(\frac{4}{9}\right)^7$$

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



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Dato: _____ Score: _____

$$\left(\frac{4}{9}\right)^{10} \cdot \left(\frac{4}{9}\right)^9$$
$$\left(\frac{4}{9}\right)^{19}$$

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

$$\left(\frac{4}{7}\right)^{-8} \cdot \left(\frac{4}{7}\right)^{-2} \cdot \left(\frac{4}{7}\right)$$
$$\left(\frac{4}{7}\right)^{-9}$$

$$\left(\frac{4}{7}\right)^{-1} \cdot \left(\frac{4}{7}\right)^6$$
$$\left(\frac{4}{7}\right)^5$$

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

$$\left(\frac{1}{3}\right)^{-10} \cdot \left(\frac{1}{3}\right)^2 \cdot \left(\frac{1}{3}\right) \cdot \left(\frac{1}{3}\right)^{11}$$
$$\left(\frac{1}{3}\right)^4$$

$$\left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^{-4} \cdot \left(\frac{1}{2}\right)^{-3}$$
$$\left(\frac{1}{2}\right)^{-12}$$

$$\left(\frac{4}{9}\right)^{10} \cdot \left(\frac{4}{9}\right)^{11} \cdot \left(\frac{4}{9}\right)^{-9}$$
$$\left(\frac{4}{9}\right)^{12}$$

$$\left(\frac{3}{8}\right)^9 \cdot \left(\frac{3}{8}\right)^{11} \cdot \left(\frac{3}{8}\right)^{-2} \cdot \left(\frac{3}{8}\right)^{-3}$$
$$\left(\frac{3}{8}\right)^{15}$$

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

$$\left(\frac{4}{9}\right)^5 \cdot \left(\frac{4}{9}\right)^2 \cdot \left(\frac{4}{9}\right)^4$$
$$\left(\frac{4}{9}\right)^{11}$$

$$\left(\frac{1}{6}\right)^{-4} \cdot \left(\frac{1}{6}\right)^{-3} \cdot \left(\frac{1}{6}\right)^{-3} \cdot \left(\frac{1}{6}\right)^{10}$$
$$\left(\frac{1}{6}\right)^0$$

$$\left(\frac{2}{3}\right)^{-8} \cdot \left(\frac{2}{3}\right)^{-6} \cdot \left(\frac{2}{3}\right)^{-3}$$
$$\left(\frac{2}{3}\right)^{-17}$$

$$\left(\frac{4}{9}\right)^5 \cdot \left(\frac{4}{9}\right)^5 \cdot \left(\frac{4}{9}\right)^7$$
$$\left(\frac{4}{9}\right)^{17}$$

$$\left(\frac{3}{7}\right)^{-2} \cdot \left(\frac{3}{7}\right)^{10}$$
$$\left(\frac{3}{7}\right)^8$$