

Forenkling af brøkeksponenter (division)

Navn: _____

Dato: _____ Score: _____

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

$$\left(\frac{2}{9}\right)^{-2} \cdot \left(\frac{2}{9}\right)^{11} \cdot \left(\frac{2}{9}\right)^{10}$$

$$\frac{\left(\frac{1}{8}\right)^{-3} \cdot \left(\frac{1}{8}\right)^{-10} \cdot \left(\frac{1}{8}\right)^5}{\left(\frac{1}{8}\right)^{-7}}$$

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

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

$$\frac{\left(\frac{1}{9}\right)^3 \cdot \left(\frac{1}{9}\right)^{-3} \cdot \left(\frac{1}{9}\right)^4}{\left(\frac{1}{9}\right)^{-6}}$$

$$\frac{\left(\frac{2}{9}\right)^{-5} \cdot \left(\frac{2}{9}\right)^2 \cdot \left(\frac{2}{9}\right)}{\left(\frac{2}{9}\right)^7}$$

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

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

$$\left(\frac{1}{2}\right)^2 \cdot \left(\frac{1}{2}\right)^{-9} \cdot \left(\frac{1}{2}\right)^8$$

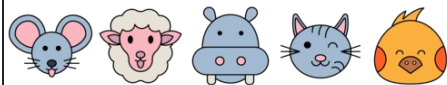
$$\left(\frac{1}{8}\right)^2 \cdot \left(\frac{1}{8}\right)^{-1} \cdot \left(\frac{1}{8}\right)^4$$

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

$$\left(\frac{2}{7}\right)^{-4} \cdot \left(\frac{2}{7}\right)^5 \cdot \left(\frac{2}{7}\right)^{-8}$$

$$\frac{\left(\frac{3}{5}\right)^{11} \cdot \left(\frac{3}{5}\right)^9 \cdot \left(\frac{3}{5}\right)^{-3}}{\left(\frac{3}{5}\right)^7}$$

$$\frac{\left(\frac{4}{7}\right)^{-9} \cdot \left(\frac{4}{7}\right)^{-6} \cdot \left(\frac{4}{7}\right)^2 \cdot \left(\frac{4}{7}\right)^{10}}{\left(\frac{4}{7}\right)^{-4} \cdot \left(\frac{4}{7}\right)^{-3}}$$



Forenkling af brøkeksponenter (division)

Navn: _____

Dato: _____ Score: _____

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

$$\frac{\left(\frac{2}{9}\right)^{-2} \cdot \left(\frac{2}{9}\right)^{11} \cdot \left(\frac{2}{9}\right)^{10}}{\left(\frac{2}{9}\right)^{19}}$$

$$\frac{\left(\frac{1}{8}\right)^{-3} \cdot \left(\frac{1}{8}\right)^{-10} \cdot \left(\frac{1}{8}\right)^5}{\left(\frac{1}{8}\right)^{-7}}$$
$$\left(\frac{1}{8}\right)^{-1}$$

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

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

$$\frac{\left(\frac{1}{9}\right)^3 \cdot \left(\frac{1}{9}\right)^{-3} \cdot \left(\frac{1}{9}\right)^4}{\left(\frac{1}{9}\right)^{-6}}$$
$$\left(\frac{1}{9}\right)^{10}$$

$$\frac{\left(\frac{2}{9}\right)^{-5} \cdot \left(\frac{2}{9}\right)^2 \cdot \left(\frac{2}{9}\right)}{\left(\frac{2}{9}\right)^7}$$
$$\left(\frac{2}{9}\right)^{-9}$$

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

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

$$\frac{\left(\frac{1}{2}\right)^2 \cdot \left(\frac{1}{2}\right)^{-9} \cdot \left(\frac{1}{2}\right)^8}{\left(\frac{1}{2}\right)}$$

$$\frac{\left(\frac{1}{8}\right)^2 \cdot \left(\frac{1}{8}\right)^{-1} \cdot \left(\frac{1}{8}\right)^4}{\left(\frac{1}{8}\right)^5}$$

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

$$\frac{\left(\frac{2}{7}\right)^{-4} \cdot \left(\frac{2}{7}\right)^5 \cdot \left(\frac{2}{7}\right)^{-8}}{\left(\frac{2}{7}\right)^{-7}}$$

$$\frac{\left(\frac{3}{5}\right)^{11} \cdot \left(\frac{3}{5}\right)^9 \cdot \left(\frac{3}{5}\right)^{-3}}{\left(\frac{3}{5}\right)^7}$$
$$\left(\frac{3}{5}\right)^{10}$$

$$\frac{\left(\frac{4}{7}\right)^{-9} \cdot \left(\frac{4}{7}\right)^{-6} \cdot \left(\frac{4}{7}\right)^2 \cdot \left(\frac{4}{7}\right)^{10}}{\left(\frac{4}{7}\right)^{-4} \cdot \left(\frac{4}{7}\right)^{-3}}$$
$$\left(\frac{4}{7}\right)^4$$