



Vereenvoudiging van breukexponenten (deling)

Naam: _____

Datum: _____ Score: _____

$$\frac{\left(\frac{2}{7}\right)^5 \cdot \left(\frac{2}{7}\right)^2 \cdot \left(\frac{2}{7}\right)^5}{\left(\frac{2}{7}\right)^6}$$

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

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

$$\frac{\left(\frac{4}{9}\right)^{-7} \cdot \left(\frac{4}{9}\right)^{10} \cdot \left(\frac{4}{9}\right)^2}{\left(\frac{4}{9}\right)^{11}}$$

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

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

$$\left(\frac{3}{8}\right)^{-4} \cdot \left(\frac{3}{8}\right)^{-3} \cdot \left(\frac{3}{8}\right)^{11}$$

$$\frac{\left(\frac{3}{8}\right)^7 \cdot \left(\frac{3}{8}\right)^{-6} \cdot \left(\frac{3}{8}\right)^8 \cdot \left(\frac{3}{8}\right)^6}{\left(\frac{3}{8}\right)^7 \cdot \left(\frac{3}{8}\right)}$$

$$\frac{\left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^{11} \cdot \left(\frac{1}{2}\right)^{-7} \cdot \left(\frac{1}{2}\right)^3}{\left(\frac{1}{2}\right)^2 \cdot \left(\frac{1}{2}\right)^{-7}}$$

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

$$\frac{\left(\frac{2}{9}\right)^8 \cdot \left(\frac{2}{9}\right) \cdot \left(\frac{2}{9}\right)^2}{\left(\frac{2}{9}\right)^6}$$

$$\frac{\left(\frac{1}{2}\right)^{10} \cdot \left(\frac{1}{2}\right)^{-4} \cdot \left(\frac{1}{2}\right) \cdot \left(\frac{1}{2}\right)}{\left(\frac{1}{2}\right)^{-6} \cdot \left(\frac{1}{2}\right)^{10}}$$

$$\frac{\left(\frac{2}{5}\right)^8 \cdot \left(\frac{2}{5}\right)^3 \cdot \left(\frac{2}{5}\right)^{-10}}{\left(\frac{2}{5}\right)^{-5}}$$

$$\frac{\left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^6 \cdot \left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^{-9}}{\left(\frac{1}{2}\right)^7 \cdot \left(\frac{1}{2}\right)^{-10}}$$

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



Naam: _____

Datum: _____ Score: _____

$$\frac{\left(\frac{2}{7}\right)^5 \cdot \left(\frac{2}{7}\right)^2 \cdot \left(\frac{2}{7}\right)^5}{\left(\frac{2}{7}\right)^6}$$

$$\left(\frac{2}{7}\right)^6$$

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

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

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

$$\left(\frac{2}{7}\right)^{14}$$

$$\frac{\left(\frac{4}{9}\right)^{-7} \cdot \left(\frac{4}{9}\right)^{10} \cdot \left(\frac{4}{9}\right)^2}{\left(\frac{4}{9}\right)^{11}}$$

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

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

$$\left(\frac{3}{8}\right)^{15}$$

$$\frac{\left(\frac{1}{5}\right)^{-10} \cdot \left(\frac{1}{5}\right)^3 \cdot \left(\frac{1}{5}\right)^3}{\left(\frac{1}{5}\right)^{-4}}$$

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

$$\frac{\left(\frac{3}{8}\right)^{-4} \cdot \left(\frac{3}{8}\right)^{-3} \cdot \left(\frac{3}{8}\right)^{11}}{\left(\frac{3}{8}\right)^4}$$

$$\left(\frac{3}{8}\right)^4$$

$$\frac{\left(\frac{3}{8}\right)^7 \cdot \left(\frac{3}{8}\right)^{-6} \cdot \left(\frac{3}{8}\right)^8 \cdot \left(\frac{3}{8}\right)^6}{\left(\frac{3}{8}\right)^7 \cdot \left(\frac{3}{8}\right)}$$

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

$$\frac{\left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^{11} \cdot \left(\frac{1}{2}\right)^{-7} \cdot \left(\frac{1}{2}\right)^3}{\left(\frac{1}{2}\right)^2 \cdot \left(\frac{1}{2}\right)^{-7}}$$

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

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

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

$$\frac{\left(\frac{2}{9}\right)^8 \cdot \left(\frac{2}{9}\right) \cdot \left(\frac{2}{9}\right)^2}{\left(\frac{2}{9}\right)^6}$$

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

$$\frac{\left(\frac{1}{2}\right)^{10} \cdot \left(\frac{1}{2}\right)^{-4} \cdot \left(\frac{1}{2}\right) \cdot \left(\frac{1}{2}\right)}{\left(\frac{1}{2}\right)^{-6} \cdot \left(\frac{1}{2}\right)^{10}}$$

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

$$\frac{\left(\frac{2}{5}\right)^8 \cdot \left(\frac{2}{5}\right)^3 \cdot \left(\frac{2}{5}\right)^{-10}}{\left(\frac{2}{5}\right)^{-5}}$$

$$\left(\frac{2}{5}\right)^6$$

$$\frac{\left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^6 \cdot \left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^{-9}}{\left(\frac{1}{2}\right)^7 \cdot \left(\frac{1}{2}\right)^{-10}}$$

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

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

$$\left(\frac{1}{4}\right)^{21}$$