Forenkling af brøkeksponenter (division)

Navn: _____ Dato: _____ Score: ____

$$\frac{(\frac{1}{8})^{6} \cdot (\frac{1}{8})^{-5} \cdot (\frac{1}{8})^{10} \cdot (\frac{1}{8})^{-4}}{(\frac{1}{8})^{6} \cdot (\frac{1}{8})^{10}}$$

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

$$\frac{(\frac{4}{5})^{5} \cdot (\frac{4}{5})^{-8} \cdot (\frac{4}{5})^{8} \cdot (\frac{4}{5})^{2}}{(\frac{4}{5})^{-10} \cdot (\frac{4}{5})^{-8}}$$

$$\frac{(\frac{1}{2})^{5} \cdot (\frac{1}{2})^{-10} \cdot (\frac{1}{2})^{11}}{(\frac{1}{2})^{5}}$$

$$(\frac{3}{7})^{3} \cdot (\frac{3}{7})^{9} \cdot (\frac{3}{7})^{3}$$

$$\frac{(\frac{1}{4})^{-10} \cdot (\frac{1}{4})^{4} \cdot (\frac{1}{4})^{9} \cdot (\frac{1}{4})^{-7}}{(\frac{1}{4})^{9} \cdot (\frac{1}{4})^{-2}}$$

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

$$\frac{(\frac{4}{7})^{-8} \cdot (\frac{4}{7})^{10} \cdot (\frac{4}{7})^{11} \cdot (\frac{4}{7})^{-2}}{(\frac{4}{7}) \cdot (\frac{4}{7})^{-4}}$$

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

$$\frac{(\frac{2}{3})^{6} \cdot (\frac{2}{3})^{5} \cdot (\frac{2}{3})^{-10} \cdot (\frac{2}{3})^{7}}{(\frac{2}{3})^{-4} \cdot (\frac{2}{3})}$$

$$(\frac{4}{9})^{10} \cdot (\frac{4}{9})^{-5} \cdot (\frac{4}{9})^{3}$$

$$\frac{(\frac{1}{6})^{-6} \cdot (\frac{1}{6})^{8} \cdot (\frac{1}{6})^{-5} \cdot (\frac{1}{6})^{7}}{(\frac{1}{6})^{5} \cdot (\frac{1}{6})^{6}}$$

$$\frac{(\frac{2}{5})^{3} \cdot (\frac{2}{5}) \cdot (\frac{2}{5})^{-4} \cdot (\frac{2}{5})^{-2}}{(\frac{2}{5})^{4} \cdot (\frac{2}{5})^{-10}}$$

$$\frac{(\frac{2}{3})^{-6} \cdot (\frac{2}{3})^{-8} \cdot (\frac{2}{3})^{8} \cdot (\frac{2}{3})^{-9}}{(\frac{2}{3})^{-10} \cdot (\frac{2}{3})^{11}}$$

$$(\frac{1}{4})^{-8} \cdot (\frac{1}{4})^{6} \cdot (\frac{1}{4})^{10}$$