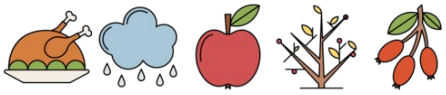

Simplifier les exposants de fractions (Division)

Nom: _____ Date: _____ Note: _____

$$\frac{(\frac{1}{5})^{-7} \cdot (\frac{1}{5})^{-9} \cdot (\frac{1}{5})^{-8} \cdot (\frac{1}{5})^{9}}{(\frac{1}{5})^{-2} \cdot (\frac{1}{5})}$$

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

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

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

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

$$\frac{(\frac{1}{4})^{9} \cdot (\frac{1}{4})^{-4} \cdot (\frac{1}{4})^{3} \cdot (\frac{1}{4})^{-7}}{(\frac{1}{4})^{7} \cdot (\frac{1}{4})}$$

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

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

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

$$\frac{(\frac{4}{7})^{-3} \cdot (\frac{4}{7})^{11} \cdot (\frac{4}{7})^{5}}{(\frac{4}{7})^{4}}$$

$$\frac{(\frac{1}{3})^{-5} \cdot (\frac{1}{3})^{9} \cdot (\frac{1}{3})^{6}}{(\frac{1}{3})^{-9}}$$

$$\frac{(\frac{1}{8})^{-9} \cdot (\frac{1}{8})^{7} \cdot (\frac{1}{8})^{-2} \cdot (\frac{1}{8})^{11}}{(\frac{1}{8})^{-3} \cdot (\frac{1}{8})^{7}}$$

$$\frac{(\frac{1}{5})^{-8} \cdot (\frac{1}{5})^{-2} \cdot (\frac{1}{5})^{-2} \cdot (\frac{1}{5})^{-6}}{(\frac{1}{5})^{-10} \cdot (\frac{1}{5})^{6}}$$

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

$$\frac{(\frac{1}{3})^{-5} \cdot (\frac{1}{3})^{-6} \cdot (\frac{1}{3})^{-2} \cdot (\frac{1}{3})^{8}}{(\frac{1}{3})^{-5} \cdot (\frac{1}{3})^{-4}}$$