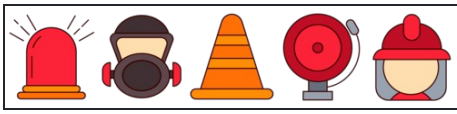

Simplifier les exposants de fractions (Division)

Nom: _____ Date: _____ Note: _____

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

$$\frac{(\frac{4}{9})^{6} \cdot (\frac{4}{9}) \cdot (\frac{4}{9})^{4} \cdot (\frac{4}{9})^{6}}{(\frac{4}{9})^{9} \cdot (\frac{4}{9})^{10}}$$

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

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

$$(\frac{1}{3})^{-6} \cdot (\frac{1}{3})^{-8} \cdot (\frac{1}{3})^{7}$$

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

$$\frac{(\frac{1}{6})^{11} \cdot (\frac{1}{6})^{9} \cdot (\frac{1}{6})^{3}}{(\frac{1}{6})^{9}}$$

$$\frac{(\frac{1}{2})^{7} \cdot (\frac{1}{2})^{3} \cdot (\frac{1}{2})^{4}}{(\frac{1}{2})^{8}}$$

$$\frac{(\frac{2}{5})^{6} \cdot (\frac{2}{5})^{6} \cdot (\frac{2}{5})^{-2} \cdot (\frac{2}{5})^{9}}{(\frac{2}{5})^{-1} \cdot (\frac{2}{5})^{4}}$$

$$\frac{(\frac{2}{5})^{-9} \cdot (\frac{2}{5})^{9} \cdot (\frac{2}{5})^{-3} \cdot (\frac{2}{5})^{4}}{(\frac{2}{5})^{3} \cdot (\frac{2}{5})^{5}}$$

$$\frac{(\frac{1}{7})^{3} \cdot (\frac{1}{7})^{9} \cdot (\frac{1}{7})^{-7}}{(\frac{1}{7})^{-10}}$$

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

$$\frac{(\frac{3}{8})^{2} \cdot (\frac{3}{8})^{11} \cdot (\frac{3}{8})^{-2}}{(\frac{3}{8})^{5}}$$

$$\frac{(\frac{1}{4})^{-7} \cdot (\frac{1}{4})^{7} \cdot (\frac{1}{4})^{-6} \cdot (\frac{1}{4})}{(\frac{1}{4})^{11} \cdot (\frac{1}{4})^{-9}}$$

$$\frac{(\frac{1}{5})^{6} \cdot (\frac{1}{5})^{8} \cdot (\frac{1}{5})^{11} \cdot (\frac{1}{5})^{10}}{(\frac{1}{5})^{10} \cdot (\frac{1}{5})^{-5}}$$