簡化分數指數(除法乘法)

姓名: _____ 日期: _____ 分數: _____

$$\frac{(\frac{3}{7})^{2}\cdot(\frac{3}{7})^{11}\cdot(\frac{3}{7})^{-6}}{(\frac{3}{7})^{7}}$$

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

$$\frac{(\frac{1}{9})^{9}\cdot(\frac{1}{9})^{11}\cdot(\frac{1}{9})^{-4}\cdot(\frac{1}{9})^{-8}}{(\frac{1}{9})^{4}\cdot(\frac{1}{9})^{-7}}$$

$$\frac{(\frac{1}{3})^{-4}\cdot(\frac{1}{3})^{7}\cdot(\frac{1}{3})^{-9}\cdot(\frac{1}{3})^{-6}}{(\frac{1}{3})\cdot(\frac{1}{3})^{5}}$$

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

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

$$(\frac{4}{9})^{-1}\cdot(\frac{4}{9})^{4}\cdot(\frac{4}{9})^{-8}$$

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

$$\frac{(\frac{1}{8})^{-5}\cdot(\frac{1}{8})^{4}\cdot(\frac{1}{8})^{-9}}{(\frac{1}{8})^{4}}$$

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

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

$$\frac{(\frac{2}{7})^{3}\cdot(\frac{2}{7})^{11}\cdot(\frac{2}{7})^{6}\cdot(\frac{2}{7})^{-1}}{(\frac{2}{7})^{2}\cdot(\frac{2}{7})^{-8}}$$

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

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

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