Simplificación de exponentes de fracciones (división)

Nombre: _____ Fecha: _____ Puntuación: _____

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

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

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

$(\frac{1}{2})^{-3} \cdot (\frac{1}{2})^{-10} \cdot (\frac{1}{2})^{-2}$

$\frac{(\frac{2}{5})^{-9} \cdot (\frac{2}{5})^{2} \cdot (\frac{2}{5})^{4} \cdot (\frac{2}{5})^{-5}}{(\frac{2}{5})^{-10} \cdot (\frac{2}{5})^{6}}$

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

$\frac{(\frac{1}{8})^{-5} \cdot (\frac{1}{8}) \cdot (\frac{1}{8})^{-9} \cdot (\frac{1}{8})^{-5}}{(\frac{1}{8})^{6} \cdot (\frac{1}{8})^{-5}}$

$\frac{(\frac{3}{8})^{9} \cdot (\frac{3}{8})^{7} \cdot (\frac{3}{8})^{2}}{(\frac{3}{8})^{-4}}$

$(\frac{3}{7})^{-9} \cdot (\frac{3}{7})^{11} \cdot (\frac{3}{7})^{-10}$

$\frac{(\frac{1}{5})^{10} \cdot (\frac{1}{5})^{4} \cdot (\frac{1}{5})^{-1}}{(\frac{1}{5})^{-9}}$

$\frac{(\frac{1}{5})^{9} \cdot (\frac{1}{5})^{5} \cdot (\frac{1}{5})^{-1} \cdot (\frac{1}{5})^{-6}}{(\frac{1}{5})^{11} \cdot (\frac{1}{5})}$

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

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

$(\frac{1}{5})^{-3} \cdot (\frac{1}{5})^{9} \cdot (\frac{1}{5})^{10}$

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