Simplificación de exponentes de fracciones (división)

Nombre: _____ Fecha: _____ Puntuación: _____

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

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

$$\frac{(\frac{1}{3})^{11} \cdot (\frac{1}{3})^{4} \cdot (\frac{1}{3})^{4}}{(\frac{1}{3})^{6}}$$

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

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

$$\frac{(\frac{3}{5})^{-3} \cdot (\frac{3}{5})^{4} \cdot (\frac{3}{5})^{11} \cdot (\frac{3}{5})^{2}}{(\frac{3}{5})^{8} \cdot (\frac{3}{5})^{-4}}$$

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

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

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

$$(\frac{1}{8})^{7} \cdot (\frac{1}{8})^{-6} \cdot (\frac{1}{8})^{4}$$

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

$$(\frac{1}{3})^{8} \cdot (\frac{1}{3})^{-10} \cdot (\frac{1}{3})^{5}$$

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

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

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

Simplificación de exponentes de fracciones (división)

Nombre: _____ Fecha: _____ Puntuación: _____

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

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

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

$(\frac{2}{3})^{3}$

$\frac{(\frac{1}{3})^{11} \cdot (\frac{1}{3})^{4} \cdot (\frac{1}{3})^{4}}{(\frac{1}{3})^{6}}$

$(\frac{1}{3})^{13}$

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

$(\frac{1}{5})^{3}$

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

$(\frac{1}{3})^{2}$

$\frac{(\frac{3}{5})^{-3} \cdot (\frac{3}{5})^{4} \cdot (\frac{3}{5})^{11} \cdot (\frac{3}{5})^{2}}{(\frac{3}{5})^{8} \cdot (\frac{3}{5})^{-4}}$

$(\frac{3}{5})^{10}$

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

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

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

$(\frac{1}{2})^{5}$

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

$(\frac{1}{6})^{-12}$

$(\frac{1}{8})^{7} \cdot (\frac{1}{8})^{-6} \cdot (\frac{1}{8})^{4}$

$(\frac{1}{8})^{5}$

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

$(\frac{3}{8})^{8}$

$(\frac{1}{3})^{8} \cdot (\frac{1}{3})^{-10} \cdot (\frac{1}{3})^{5}$

$(\frac{1}{3})^{3}$

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

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

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

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

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

$(\frac{1}{2})^{-1}$