Simplification des exposants de fractions (multiplication)

Nom: _____ Date: _____ Note: _____

$(\frac{1}{8})^{7} \cdot (\frac{1}{8})^{-10}$

$(\frac{4}{7})^{-2} \cdot (\frac{4}{7})^{6} \cdot (\frac{4}{7})^{-2}$

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

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

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

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

$(\frac{2}{7})^{11} \cdot (\frac{2}{7})^{-9} \cdot (\frac{2}{7})^{-5}$

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

$(\frac{4}{5})^{9} \cdot (\frac{4}{5})^{-7} \cdot (\frac{4}{5})^{10}$

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

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

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

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

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

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

Simplification des exposants de fractions (multiplication)

Nom: _____ Date: _____ Note: _____

$(\frac{1}{8})^{7} \cdot (\frac{1}{8})^{-10}$

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

$(\frac{4}{7})^{-2} \cdot (\frac{4}{7})^{6} \cdot (\frac{4}{7})^{-2}$

$(\frac{4}{7})^{2}$

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

$(\frac{2}{9})^{5}$

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

$(\frac{1}{3})^{-12}$

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

$(\frac{1}{8})^{21}$

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

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

$(\frac{2}{7})^{11} \cdot (\frac{2}{7})^{-9} \cdot (\frac{2}{7})^{-5}$

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

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

$(\frac{2}{7})^{2}$

$(\frac{4}{5})^{9} \cdot (\frac{4}{5})^{-7} \cdot (\frac{4}{5})^{10}$

$(\frac{4}{5})^{12}$

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

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

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

$(\frac{1}{4})^{10}$

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

$(\frac{3}{8})^{10}$

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

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

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

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

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

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