# Simplifying Fraction Exponent Expressions (Multiplication)

Name: _____ Date: _____ Score: _____

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

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

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

$(\frac{1}{2})^{10} \cdot (\frac{1}{2})^{-8} \cdot (\frac{1}{2})^{-6} \cdot (\frac{1}{2})^{-3}$

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

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

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

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

$(\frac{3}{8})^{-6} \cdot (\frac{3}{8})^{-5} \cdot (\frac{3}{8})^{7} \cdot (\frac{3}{8})^{-3}$

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

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

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

$(\frac{3}{8})^{11} \cdot (\frac{3}{8})^{-9} \cdot (\frac{3}{8})^{-3} \cdot (\frac{3}{8})^{9}$

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

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