Simplifying Fraction Exponent Expressions (Multiplication)

Name: _____ Date: _____ Score: _____

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

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

$(\frac{4}{7})^{-1} \cdot (\frac{4}{7})^{-2} \cdot (\frac{4}{7})^{-10} \cdot (\frac{4}{7})^{-8}$

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

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

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

$(\frac{3}{7})^{-2} \cdot (\frac{3}{7})^{11} \cdot (\frac{3}{7})^{-4} \cdot (\frac{3}{7})^{-10}$

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

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

$(\frac{2}{9})^{-6} \cdot (\frac{2}{9})^{8}$

$(\frac{1}{3})^{-8} \cdot (\frac{1}{3})^{9} \cdot (\frac{1}{3})^{11}$

$(\frac{1}{6})^{2} \cdot (\frac{1}{6})^{7} \cdot (\frac{1}{6})^{-5}$

$(\frac{1}{2})^{6} \cdot (\frac{1}{2})^{-7} \cdot (\frac{1}{2})^{4}$

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

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