Simplifying Fraction Exponent Expressions (Multiplication)

Name: _____ Date: _____ Score: _____

$(\frac{3}{7})^{-10} \cdot (\frac{3}{7})^{-8} \cdot (\frac{3}{7})^{-8}$

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

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

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

$(\frac{1}{8})^{4} \cdot (\frac{1}{8})^{3} \cdot (\frac{1}{8})^{-7} \cdot (\frac{1}{8})^{11}$

$(\frac{1}{2})^{-2} \cdot (\frac{1}{2})^{9} \cdot (\frac{1}{2})^{-3} \cdot (\frac{1}{2})^{-1}$

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

$(\frac{1}{8})^{-9} \cdot (\frac{1}{8})^{4} \cdot (\frac{1}{8})^{-2} \cdot (\frac{1}{8})^{2}$

$(\frac{4}{7})^{-6} \cdot (\frac{4}{7})^{-3} \cdot (\frac{4}{7})^{-2}$

$(\frac{1}{9})^{2} \cdot (\frac{1}{9})^{-3} \cdot (\frac{1}{9})^{3}$

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

$(\frac{1}{5})^{11} \cdot (\frac{1}{5})^{2}$

$(\frac{1}{2})^{11} \cdot (\frac{1}{2})^{-7} \cdot (\frac{1}{2})^{10}$

$(\frac{1}{9})^{11} \cdot (\frac{1}{9})^{11} \cdot (\frac{1}{9})^{-10} \cdot (\frac{1}{9})^{-2}$

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