Förenkling av fraktionsexponenter (multiplikation)

namn: _____ Datum: _____ Poäng: _____

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

$(\frac{1}{9})^{10} \cdot (\frac{1}{9})^{3} \cdot (\frac{1}{9})^{11} \cdot (\frac{1}{9})^{-1}$

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

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

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

$(\frac{2}{5})^{-4} \cdot (\frac{2}{5})^{-1}$

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

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

$(\frac{1}{6})^{11} \cdot (\frac{1}{6})^{-10} \cdot (\frac{1}{6})^{4}$

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

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

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

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

$(\frac{2}{9})^{11} \cdot (\frac{2}{9})^{3} \cdot (\frac{2}{9})^{4} \cdot (\frac{2}{9})^{-8}$

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