Arithmetic of Fractional Exponents

Name: _____ Date: _____ Score: _____

$(\frac{3}{4})^2 + \frac{1}{2} =$

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

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

$(\frac{1}{6}) - (-\frac{3}{5}) =$

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

$(-\frac{3}{4}) + \frac{1}{2} =$

$(\frac{3}{4})^3 + \frac{1}{2} =$

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

$(\frac{1}{2})^3 + (-\frac{1}{2}) =$

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

$(-\frac{3}{5})^2 - (-\frac{1}{6}) =$

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

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

$(\frac{3}{4}) - \frac{1}{4} =$

$(-\frac{1}{6})^3 + (-\frac{1}{2}) =$

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

$(\frac{1}{2})^2 - \frac{1}{6} =$

$(-\frac{1}{6})^2 + (-\frac{3}{4}) =$

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

$(\frac{3}{5})^0 + \frac{1}{3} =$

Arithmetic of Fractional Exponents

Name: _____ Date: _____ Score: _____

$(\frac{3}{4})^2 + \frac{1}{2} = \frac{17}{16} = 1\frac{1}{16}$

$(\frac{3}{4})^3 - \frac{1}{5} = \frac{71}{320}$

$(\frac{1}{4})^3 - \frac{3}{4} = (-\frac{47}{64})$

$(\frac{1}{6}) - (-\frac{3}{5}) = \frac{23}{30}$

$(-\frac{1}{5})^3 - (-\frac{2}{5}) = \frac{49}{125}$

$(-\frac{3}{4}) + \frac{1}{2} = (-\frac{1}{4})$

$(\frac{3}{4})^3 + \frac{1}{2} = \frac{59}{64}$

$(-\frac{1}{5})^3 + (-\frac{1}{2}) = (-\frac{127}{250})$

$(\frac{1}{2})^3 + (-\frac{1}{2}) = (-\frac{3}{8})$

$(-\frac{3}{4})^3 + (-\frac{1}{2}) = (-\frac{59}{64})$

$(-\frac{3}{5})^2 - (-\frac{1}{6}) = \frac{79}{150}$

$(\frac{1}{2})^3 - \frac{1}{2} = (-\frac{3}{8})$

$(-\frac{1}{5})^3 + \frac{1}{2} = \frac{123}{250}$

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

$(-\frac{1}{6})^3 + (-\frac{1}{2}) = (-\frac{109}{216})$

$(\frac{1}{5})^3 + (-\frac{1}{5}) = (-\frac{24}{125})$

$(\frac{1}{2})^2 - \frac{1}{6} = \frac{1}{12}$

$(-\frac{1}{6})^2 + (-\frac{3}{4}) = (-\frac{13}{18})$

$(\frac{1}{5})^3 + (-\frac{3}{4}) = (-\frac{371}{500})$

$(\frac{3}{5})^0 + \frac{1}{3} = \frac{4}{3} = 1\frac{1}{3}$