Arithmetic of Exponents (Negative Fractional Exponents)

Name: _____ Date: _____ Score: _____

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

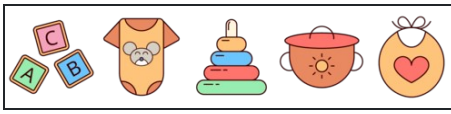
$(\frac{1}{3})^{2} - (-\frac{3}{4}) =$

$(\frac{1}{5})^{2} - \frac{3}{4} =$

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

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

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



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$(\frac{1}{2})^{(-2)} - \frac{1}{3} = \frac{11}{3} = 3\frac{2}{3}$

$(-\frac{1}{2})^{(-2)} - (-\frac{1}{6}) = \frac{25}{6} = 4\frac{1}{6}$

$(\frac{2}{5})^{(-1)} - (-\frac{3}{5}) = \frac{31}{10} = 3\frac{1}{10}$

$(\frac{1}{5})^{(-1)} + \frac{1}{2} = \frac{11}{2} = 5\frac{1}{2}$

$(\frac{3}{5}) - \frac{1}{3} = \frac{4}{15}$

$(\frac{3}{5})^{2} + \frac{1}{2} = \frac{43}{50}$

$(-\frac{1}{5})^{2} - \frac{2}{5} = (-\frac{9}{25})$

$(-\frac{1}{4})^{(-2)} + \frac{1}{2} = \frac{33}{2} = 16\frac{1}{2}$

$(-\frac{1}{3})^{(-2)} - \frac{3}{5} = \frac{42}{5} = 8\frac{2}{5}$

$(-\frac{1}{5})^{(-2)} - (-\frac{1}{6}) = \frac{151}{6} = 25\frac{1}{6}$

$(\frac{2}{5})^{2} + (-\frac{1}{2}) = (-\frac{17}{50})$

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

$(\frac{2}{5})^{2} + \frac{1}{2} = \frac{33}{50}$

$(-\frac{2}{5}) + (-\frac{1}{2}) = (-\frac{9}{10})$

$(-\frac{1}{5}) - \frac{1}{2} = (-\frac{7}{10})$

$(\frac{1}{3})^{2} - (-\frac{3}{4}) = \frac{31}{36}$

$(\frac{1}{5})^{2} - \frac{3}{4} = (-\frac{71}{100})$

$(\frac{1}{6})^{(-2)} + \frac{3}{5} = \frac{183}{5} = 36\frac{3}{5}$

$(-\frac{1}{3})^{(-2)} - \frac{2}{5} = \frac{43}{5} = 8\frac{3}{5}$

$(\frac{1}{3})^{(-2)} - (-\frac{1}{2}) = \frac{19}{2} = 9\frac{1}{2}$