Aritmetikk for eksponenter (negative fraksjonelle eksponenter)

StudentName: _____ ExamDate: _____ ExamScore: ____

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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$(-\frac{1}{4})^{(-1)} + \frac{1}{6} = (-\frac{23}{6}) = (-3\frac{5}{6})$

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

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

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

$(\frac{3}{5})^{(-2)} + \frac{1}{5} = \frac{134}{45} = 2\frac{44}{45}$

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

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

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

$(-\frac{3}{4}) - (-\frac{1}{3}) = (-\frac{5}{12})$

$(-\frac{1}{2})^{2} - \frac{1}{4} = 0$

$(\frac{1}{3})^{(-2)} + \frac{2}{5} = \frac{47}{5} = 9\frac{2}{5}$

$(-\frac{1}{4})^{(-2)} + (-\frac{1}{4}) = \frac{63}{4} = 15\frac{3}{4}$

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

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

$(\frac{3}{4})^{2} - (-\frac{1}{4}) = \frac{13}{16}$

$(-\frac{1}{4})^{(-1)} - (-\frac{3}{4}) = (-\frac{13}{4}) = (-3\frac{1}{4})$

$(\frac{1}{4})^{(-2)} - \frac{3}{4} = \frac{61}{4} = 15\frac{1}{4}$

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

$(\frac{1}{6})^{2} - \frac{1}{5} = (-\frac{31}{180})$

$(\frac{1}{5})^{(-2)} + \frac{1}{3} = \frac{76}{3} = 25\frac{1}{3}$