vier Brüche, Reihenfolge der Operationen mit Klammern

Name: _____ Datum: _____ Ergebnis: _____

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

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

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

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

$72(\frac{2}{3} - \frac{1}{4}) \div 8 =$

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

$(14 \div 2 - \frac{3}{4}) \times \frac{1}{4} =$

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

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

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

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$\frac{3}{2} - \frac{3}{4}(\frac{2}{5} - \frac{1}{4}) = \frac{111}{80} = 1\frac{31}{80}$

$(\frac{2}{3} - \frac{2}{5}) \times \frac{1}{2} - \frac{1}{4} = (-\frac{7}{60})$

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

$(\frac{1}{2} - \frac{1}{3}) \times \frac{1}{3} - \frac{3}{2} = (-\frac{13}{9}) = (-1\frac{4}{9})$

$72(\frac{2}{3} - \frac{1}{4}) \div 8 = \frac{15}{4} = 3\frac{3}{4}$

$(\frac{3}{5} + \frac{1}{2}) \times \frac{2}{3} + \frac{2}{5} = \frac{17}{15} = 1\frac{2}{15}$

$(14 \div 2 - \frac{3}{4}) \times \frac{1}{4} = \frac{25}{16} = 1\frac{9}{16}$

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

$\frac{3}{4} + \frac{1}{2}(\frac{1}{6} - \frac{3}{2}) = \frac{1}{12}$

$(\frac{2}{5} - \frac{3}{4}) \times \frac{1}{3} - \frac{1}{2} = (-\frac{37}{60})$