vier Brüche, Reihenfolge der Operationen mit Klammern

Name: _____ Datum: _____ Ergebnis: _____

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

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

$42(\frac{2}{5} - \frac{2}{3}) \div 7 =$

$18(\frac{1}{5} + \frac{1}{6}) \div 3 =$

$20(\frac{1}{4} - \frac{1}{5}) \div 4 =$

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

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

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

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

$(55 \div 11 + \frac{1}{4}) \times \frac{3}{5} =$

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$\frac{1}{2} - \frac{1}{3}(\frac{1}{5} - \frac{1}{6}) = \frac{22}{45}$

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

$42(\frac{2}{5} - \frac{2}{3}) \div 7 = (-\frac{8}{5}) = (-1\frac{3}{5})$

$18(\frac{1}{5} + \frac{1}{6}) \div 3 = \frac{11}{5} = 2\frac{1}{5}$

$20(\frac{1}{4} - \frac{1}{5}) \div 4 = \frac{1}{4}$

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

$6(\frac{1}{2} + \frac{2}{3}) \div 1 = 7$

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

$(\frac{1}{2} - \frac{1}{4}) \times \frac{2}{3} + \frac{1}{5} = \frac{11}{30}$

$(55 \div 11 + \frac{1}{4}) \times \frac{3}{5} = \frac{63}{20} = 3\frac{3}{20}$