fem brøker, rækkefølge af operationer med parenteser

Navn: _____ Dato: _____ Score: _____

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

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

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

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

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

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

$(2 - \frac{1}{6})^2 + \frac{3}{5} + 4^2 \times \frac{1}{5} =$

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

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

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

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$((\frac{1}{3})^2 - \frac{3}{4}) \times \frac{1}{5} - (\frac{1}{3} + \frac{1}{2})^2 = (-\frac{37}{45})$

$((\frac{1}{6})^2 + \frac{1}{3}) \times \frac{1}{2} + (\frac{2}{3} + \frac{1}{2})^2 = \frac{37}{24} = 1\frac{13}{24}$

$(4 - \frac{1}{2})^2 - \frac{1}{5} \times 2^2 - \frac{2}{5} = \frac{221}{20} = 11\frac{1}{20}$

$((\frac{1}{6})^2 - \frac{1}{5}) \times \frac{1}{5} - (\frac{3}{2} + \frac{2}{3})^2 = (-\frac{1064}{225}) = (-4\frac{164}{225})$

$(5 + \frac{3}{2})^2 + \frac{3}{4} + \frac{3}{5} - 3^2 = \frac{173}{5} = 34\frac{3}{5}$

$(\frac{1}{2} - \frac{1}{6})^2 - \frac{1}{3}(\frac{1}{3} - \frac{1}{3}) = \frac{1}{9}$

$(2 - \frac{1}{6})^2 + \frac{3}{5} + 4^2 \times \frac{1}{5} = \frac{1289}{180} = 7\frac{29}{180}$

$(4 - \frac{1}{2})^2 + \frac{1}{2} - \frac{2}{3} \times 2^2 = \frac{121}{12} = 10\frac{1}{12}$

$(5 + \frac{1}{5})^2 + \frac{2}{3} \times \frac{1}{2} + 3^2 = \frac{2728}{75} = 36\frac{28}{75}$

$(\frac{3}{2} + (\frac{1}{6})^2) \times \frac{1}{3} - (\frac{1}{3} - \frac{1}{2})^2 = \frac{13}{27}$