fem brøker, rækkefølge af operationer med parenteser

Navn: _____ Dato: _____ Score: _____

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

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

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

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

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

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

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

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

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

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

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$(\frac{1}{2}+(\frac{1}{2})^2)\times\frac{1}{5}-(\frac{1}{4}+\frac{3}{2})^2 = (-\frac{233}{80}) = (-2\frac{73}{80})$

$(3+\frac{3}{2})^2+\frac{3}{2}-\frac{1}{2}+4^2 = \frac{149}{4} = 37\frac{1}{4}$

$(\frac{1}{2}+\frac{2}{3})^2-\frac{1}{5}(\frac{1}{2}+(\frac{1}{2})^2) = \frac{109}{90} = 1\frac{19}{90}$

$(\frac{1}{6}-\frac{1}{6})^2-\frac{2}{3}(\frac{1}{4}-(\frac{3}{4})^2) = \frac{5}{24}$

$((\frac{1}{2})^2-\frac{3}{5})\times\frac{1}{6}+(\frac{1}{6}+\frac{2}{5})^2 = \frac{473}{1800}$

$((\frac{1}{4})^2-\frac{3}{5})\times\frac{3}{5}+(\frac{2}{5}-\frac{1}{5})^2 = (-\frac{113}{400})$

$(3+\frac{1}{2})^2-\frac{2}{3}\times\frac{2}{3}-4^2 = (-\frac{151}{36}) = (-4\frac{7}{36})$

$(\frac{2}{5}+\frac{1}{4})^2+\frac{1}{3}(\frac{3}{2}+\frac{2}{5}) = \frac{1267}{1200} = 1\frac{67}{1200}$

$((\frac{1}{3})^2+\frac{3}{2})\times\frac{1}{3}+(\frac{2}{3}-\frac{2}{3})^2 = \frac{29}{54}$

$(5+\frac{1}{3})^2+\frac{1}{2}\times\frac{3}{4}+3^2 = \frac{2723}{72} = 37\frac{59}{72}$