five fractions, order of operations with brackets

Name: _____ Date: _____ Score: _____

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

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

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

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

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

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

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

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

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

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

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$(3+\frac{2}{3})^2-\frac{1}{3}+5^2\times\frac{1}{4}=\frac{697}{36}=19\frac{13}{36}$

$((\frac{3}{5})^2-\frac{1}{3})\times\frac{1}{2}+(\frac{3}{2}-\frac{1}{2})^2=\frac{76}{75}=1\frac{1}{75}$

$(\frac{1}{2}-\frac{1}{6})^2-\frac{3}{4}(\frac{1}{3}-\frac{2}{3})=\frac{13}{36}$

$((\frac{1}{2})^2+\frac{2}{5})\times\frac{3}{4}+(\frac{1}{2}+\frac{3}{4})^2=\frac{41}{20}=2\frac{1}{20}$

$(5-\frac{2}{3})^2-\frac{1}{3}\times\frac{2}{3}-3^2=\frac{86}{9}=9\frac{5}{9}$

$(\frac{1}{2}+(\frac{1}{2})^2)\times\frac{1}{3}+(\frac{1}{2}-\frac{1}{3})^2=\frac{5}{18}$

$(\frac{1}{5}-\frac{1}{3})^2-\frac{1}{3}(\frac{3}{5}-(\frac{3}{4})^2)=\frac{19}{3600}$

$((\frac{2}{5})^2-\frac{2}{3})\times\frac{1}{2}+(\frac{1}{2}+\frac{1}{5})^2=\frac{71}{300}$

$((\frac{3}{4})^2-\frac{1}{6})\times\frac{2}{5}-(\frac{1}{6}+\frac{1}{2})^2=(-\frac{103}{360})$

$(4+\frac{3}{2})^2+\frac{1}{6}+\frac{1}{3}-4^2=\frac{59}{4}=14\frac{3}{4}$