five fractions, order of operations with brackets

Name: _____ Date: _____ Score: _____

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

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

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

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

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

$(4-\frac{1}{5})^2-\frac{1}{3}\times\frac{3}{5}\times3^2=$

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

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

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

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

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$(2+\frac{3}{5})^2-\frac{3}{2}\times\frac{1}{3}-3^2=(-\frac{137}{50})=(-2\frac{37}{50})$

$((\frac{3}{4})^2-\frac{2}{3})\times\frac{1}{3}-(\frac{1}{2}+\frac{1}{3})^2=(-\frac{35}{48})$

$(2-\frac{1}{5})^2+\frac{1}{3}\times\frac{3}{2}+3^2=\frac{637}{50}=12\frac{37}{50}$

$(\frac{2}{3}-\frac{1}{2})^2+\frac{3}{2}(\frac{1}{2}+(\frac{1}{3})^2)=\frac{17}{18}$

$((\frac{3}{5})^2+\frac{1}{4})\times\frac{1}{2}+(\frac{1}{2}+\frac{3}{5})^2=\frac{303}{200}=1\frac{103}{200}$

$(4-\frac{1}{5})^2-\frac{1}{3}\times\frac{3}{5}\times3^2=\frac{316}{25}=12\frac{16}{25}$

$((\frac{1}{4})^2-\frac{1}{5})\times\frac{1}{4}+(\frac{2}{5}+\frac{2}{3})^2=\frac{15889}{14400}=1\frac{1489}{14400}$

$(2-\frac{3}{5})^2+\frac{1}{3}+3^2\times\frac{1}{2}=\frac{1019}{150}=6\frac{119}{150}$

$(\frac{1}{6}-(\frac{2}{3})^2)\times\frac{1}{2}-(\frac{1}{2}-\frac{2}{5})^2=(-\frac{67}{450})$

$((\frac{2}{3})^2+\frac{1}{2})\times\frac{3}{2}-(\frac{1}{3}+\frac{3}{2})^2=(-\frac{35}{18})=(-1\frac{17}{18})$