five fractions, order of operations with brackets

Name: _____ Date: _____ Score: _____

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

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

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

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

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

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

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

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

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

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

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$(4-\frac{2}{3})^2-\frac{1}{5}-2^2-\frac{1}{6}=\frac{607}{90}=6\frac{67}{90}$

$((\frac{3}{5})^2-\frac{1}{2})\times\frac{2}{3}-(\frac{1}{5}+\frac{1}{3})^2=(-\frac{17}{45})$

$(\frac{1}{2}-\frac{2}{5})^2-\frac{1}{2}(\frac{2}{5}-\frac{1}{2})=\frac{3}{50}$

$(\frac{1}{2}-\frac{1}{5})^2-\frac{1}{2}(\frac{1}{6}-(\frac{1}{2})^2)=\frac{79}{600}$

$(\frac{3}{2}+(\frac{1}{2})^2)\times\frac{1}{2}-(\frac{1}{2}+\frac{3}{4})^2=(-\frac{11}{16})$

$(2-\frac{1}{3})^2+\frac{2}{5}-2^2-\frac{3}{2}=(-\frac{209}{90})=(-2\frac{29}{90})$

$(5+\frac{1}{4})^2-\frac{1}{4}-\frac{3}{5}\times 2^2=\frac{1993}{80}=24\frac{73}{80}$

$(\frac{3}{4}-\frac{2}{3})^2-\frac{3}{5}(\frac{1}{2}+(\frac{2}{5})^2)=(-\frac{7003}{18000})$

$(5+\frac{3}{2})^2-\frac{1}{3}-3^2+\frac{3}{4}=\frac{101}{3}=33\frac{2}{3}$

$(\frac{3}{5}+\frac{1}{3})^2+\frac{1}{2}(\frac{1}{2}+\frac{2}{5})=\frac{1189}{900}=1\frac{289}{900}$