five fractions, order of operations with brackets

Name: _____ Date: _____ Score: _____

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

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

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

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

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

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

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

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

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

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

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$(5+\frac{3}{4})^2-\frac{1}{3}+3^2+\frac{1}{3}=\frac{673}{16}=42\frac{1}{16}$

$(2-\frac{1}{4})^2-\frac{1}{3}+2^2-\frac{3}{2}=\frac{251}{48}=5\frac{11}{48}$

$(\frac{1}{2}-\frac{1}{5})^2+\frac{3}{2}(\frac{1}{3}-(\frac{3}{2})^2)=(-\frac{557}{200})=(-2\frac{157}{200})$

$(\frac{3}{5}-\frac{3}{2})^2+\frac{1}{3}(\frac{1}{3}+(\frac{1}{3})^2)=\frac{2587}{2700}$

$(2+\frac{1}{2})^2+\frac{1}{4}\times 3^2\times\frac{2}{3}=\frac{31}{4}=7\frac{3}{4}$

$(\frac{1}{2}+\frac{3}{4})^2-\frac{1}{3}(\frac{1}{2}-\frac{1}{4})=\frac{71}{48}=1\frac{23}{48}$

$(\frac{1}{2}+(\frac{1}{4})^2)\times\frac{3}{4}+(\frac{1}{2}-\frac{3}{4})^2=\frac{31}{64}$

$(5+\frac{3}{5})^2-\frac{1}{2}+\frac{1}{4}\times 2^2=\frac{1593}{50}=31\frac{43}{50}$

$(4+\frac{1}{2})^2+\frac{3}{5}+\frac{2}{5}-2^2=\frac{69}{4}=17\frac{1}{4}$

$(4+\frac{1}{2})^2+\frac{3}{2}-3^2+\frac{1}{2}=\frac{53}{4}=13\frac{1}{4}$