vijf breuken, volgorde van bewerkingen met haakjes

Naam: _____ Datum: _____ Score: _____

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

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

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

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

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

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

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

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

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

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

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$(\frac{1}{2}+\frac{1}{2})^2-\frac{3}{2}(\frac{2}{5}+(\frac{1}{4})^2)=\frac{49}{160}$

$((\frac{3}{5})^2+\frac{3}{4})\times\frac{1}{3}+(\frac{1}{6}+\frac{3}{2})^2=\frac{2833}{900}=3\frac{133}{900}$

$(3-\frac{2}{3})^2+\frac{1}{3}+\frac{1}{2}+2^2=\frac{185}{18}=10\frac{5}{18}$

$(2-\frac{2}{5})^2+\frac{2}{3}-5^2\times\frac{1}{4}=(-\frac{907}{300})=(-3\frac{7}{300})$

$(4+\frac{1}{6})^2-\frac{2}{5}\times\frac{1}{4}-2^2=\frac{2387}{180}=13\frac{47}{180}$

$(\frac{1}{5}+\frac{1}{5})^2+\frac{2}{3}(\frac{1}{3}-(\frac{1}{4})^2)=\frac{613}{1800}$

$((\frac{2}{5})^2-\frac{3}{2})\times\frac{1}{4}-(\frac{1}{3}+\frac{2}{5})^2=(-\frac{1571}{1800})$

$(\frac{1}{3}+\frac{3}{5})^2-\frac{1}{3}(\frac{2}{3}+\frac{1}{2})=\frac{217}{450}$

$(\frac{3}{2}+(\frac{1}{2})^2)\times\frac{1}{3}+(\frac{1}{3}-\frac{3}{4})^2=\frac{109}{144}$

$(3+\frac{1}{3})^2+\frac{1}{5}+\frac{1}{3}+4^2=\frac{1244}{45}=27\frac{29}{45}$