fem brøk, operasjonsrekkefølge med parenteser

StudentName: _____ ExamDate: _____ ExamScore: _____

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

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

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

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

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

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

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

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

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

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

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$(2-\frac{2}{5})^2-\frac{1}{6}+\frac{1}{3}\times 2^2=\frac{559}{150}=3\frac{109}{150}$

$(5+\frac{3}{2})^2+\frac{1}{4}+3^2-\frac{1}{2}=51$

$((\frac{1}{2})^2-\frac{1}{2})\times\frac{3}{4}-(\frac{1}{4}-\frac{2}{5})^2=(-\frac{21}{100})$

$(\frac{2}{5}+\frac{1}{5})^2-\frac{1}{4}(\frac{2}{5}-(\frac{1}{2})^2)=\frac{129}{400}$

$(2+\frac{1}{3})^2+\frac{3}{5}\times 5^2+\frac{1}{5}=\frac{929}{45}=20\frac{29}{45}$

$(3+\frac{1}{2})^2-\frac{1}{2}-5^2-\frac{2}{3}=(-\frac{167}{12})=(-13\frac{11}{12})$

$(5-\frac{2}{3})^2+\frac{2}{3}+\frac{1}{5}-2^2=\frac{704}{45}=15\frac{29}{45}$

$(\frac{1}{6}+\frac{1}{6})^2+\frac{1}{5}(\frac{1}{4}-(\frac{3}{4})^2)=\frac{7}{144}$

$((\frac{2}{3})^2+\frac{1}{2})\times\frac{1}{6}+(\frac{1}{5}+\frac{2}{5})^2=\frac{1397}{2700}$

$(\frac{1}{3}+\frac{1}{5})^2-\frac{2}{5}(\frac{1}{3}+(\frac{1}{6})^2)=\frac{7}{50}$