fünf Brüche, Reihenfolge der Operationen mit Klammern

Name: _____ Datum: _____ Ergebnis: _____

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

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

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

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

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

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

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

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

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

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