cinq fractions, ordre des opérations avec parenthèses

Nom: _____ Date: _____ Note: _____

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

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

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

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

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

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

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

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

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

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

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$((\frac{1}{5})^2 + \frac{1}{3}) \times \frac{1}{2} + (\frac{1}{3} + \frac{1}{5})^2 = \frac{106}{225}$

$(\frac{3}{5} + (\frac{1}{5})^2) \times \frac{1}{6} - (\frac{3}{4} - \frac{1}{5})^2 = (-\frac{47}{240})$

$(\frac{2}{5} - \frac{1}{4})^2 + \frac{3}{4}(\frac{3}{5} + (\frac{3}{5})^2) = \frac{297}{400}$

$(3 - \frac{1}{5})^2 + \frac{1}{2} - 3^2 + \frac{1}{3} = (-\frac{49}{150})$

$(\frac{3}{2} + \frac{2}{5})^2 + \frac{1}{3}(\frac{1}{2} + (\frac{3}{5})^2) = \frac{1169}{300} = 3\frac{269}{300}$

$(\frac{1}{6} + (\frac{2}{3})^2) \times \frac{1}{6} + (\frac{2}{5} + \frac{1}{2})^2 = \frac{1231}{1350}$

$(5 - \frac{2}{5})^2 + \frac{2}{5} \times \frac{1}{4} \times 3^2 = \frac{1103}{50} = 22\frac{3}{50}$

$((\frac{1}{4})^2 - \frac{1}{6}) \times \frac{1}{3} - (\frac{3}{5} + \frac{1}{3})^2 = (-\frac{1087}{1200})$

$(3 - \frac{3}{4})^2 + \frac{3}{5} - \frac{3}{4} - 4^2 = (-\frac{887}{80}) = (-11\frac{7}{80})$

$(\frac{1}{3} + \frac{3}{4})^2 - \frac{1}{2}(\frac{2}{5} + \frac{1}{5}) = \frac{629}{720}$