cinq fractions, ordre des opérations avec parenthèses

Nom: _____ Date: _____ Note: _____

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

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

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

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

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

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

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

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

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

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

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$((\frac{3}{4})^2 + \frac{1}{3}) \times \frac{3}{4} + (\frac{1}{6} + \frac{1}{3})^2 = \frac{59}{64}$

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

$(\frac{3}{2} + \frac{2}{3})^2 - \frac{2}{3}(\frac{1}{6} - \frac{3}{2}) = \frac{67}{12} = 5\frac{7}{12}$

$((\frac{1}{2})^2 + \frac{2}{3}) \times \frac{1}{2} + (\frac{1}{3} - \frac{3}{2})^2 = \frac{131}{72} = 1\frac{59}{72}$

$(\frac{1}{2} + \frac{2}{3})^2 - \frac{1}{2}(\frac{1}{4} + (\frac{1}{3})^2) = \frac{85}{72} = 1\frac{13}{72}$

$(\frac{1}{3} - \frac{3}{5})^2 + \frac{1}{2}(\frac{2}{5} - (\frac{1}{2})^2) = \frac{263}{1800}$

$(5 - \frac{2}{5})^2 + \frac{3}{2} + 2^2 \times \frac{2}{5} = \frac{1213}{50} = 24\frac{13}{50}$

$(\frac{2}{3} + \frac{1}{5})^2 - \frac{3}{2}(\frac{1}{3} + \frac{2}{5}) = (-\frac{157}{450})$

$(\frac{3}{2} + \frac{1}{2})^2 + \frac{2}{3}(\frac{1}{4} - \frac{2}{5}) = \frac{39}{10} = 3\frac{9}{10}$

$(4 - \frac{2}{5})^2 - \frac{2}{5} \times 5^2 \times \frac{2}{5} = \frac{224}{25} = 8\frac{24}{25}$