cinq fractions, ordre des opérations avec parenthèses

Nom: _____ Date: _____ Note: _____

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

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

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

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

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

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

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

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

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

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

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$((\frac{1}{2})^2 - \frac{3}{2}) \times \frac{1}{3} + (\frac{1}{2} - \frac{3}{4})^2 = (-\frac{17}{48})$

$((\frac{3}{5})^2 + \frac{1}{5}) \times \frac{1}{5} - (\frac{3}{5} - \frac{1}{6})^2 = (-\frac{341}{4500})$

$(\frac{3}{4} + \frac{2}{3})^2 - \frac{1}{2}(\frac{1}{6} + \frac{1}{2}) = \frac{241}{144} = 1\frac{97}{144}$

$(2 - \frac{3}{4})^2 + \frac{1}{4} + 4^2 - \frac{1}{4} = \frac{281}{16} = 17\frac{9}{16}$

$(\frac{1}{6} + (\frac{1}{6})^2) \times \frac{1}{3} - (\frac{1}{2} - \frac{3}{4})^2 = \frac{1}{432}$

$(4 - \frac{1}{6})^2 + \frac{2}{3} \times \frac{2}{3} + 4^2 = \frac{1121}{36} = 31\frac{5}{36}$

$(\frac{2}{3} - \frac{3}{5})^2 - \frac{2}{5}(\frac{1}{6} - \frac{1}{3}) = \frac{16}{225}$

$(\frac{2}{5} - \frac{1}{2})^2 - \frac{1}{6}(\frac{2}{5} - (\frac{1}{6})^2) = (-\frac{281}{5400})$

$(5 + \frac{1}{2})^2 - \frac{1}{2} \times \frac{1}{2} \times 2^2 = \frac{117}{4} = 29\frac{1}{4}$

$((\frac{1}{6})^2 - \frac{2}{3}) \times \frac{1}{2} + (\frac{3}{5} + \frac{2}{5})^2 = \frac{49}{72}$