cinq fractions, ordre des opérations avec parenthèses

Nom: _____ Date: _____ Note: _____

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

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

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

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

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

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

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

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

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

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

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$((\frac{2}{5})^2 + \frac{2}{3}) \times \frac{1}{2} + (\frac{1}{2} - \frac{1}{5})^2 = \frac{151}{300}$

$(5 + \frac{1}{3})^2 - \frac{1}{3} + \frac{3}{2} \times 4^2 = \frac{469}{9} = 52\frac{1}{9}$

$(3 + \frac{1}{2})^2 + \frac{3}{5} + \frac{1}{6} \times 4^2 = \frac{931}{60} = 15\frac{31}{60}$

$(3 + \frac{3}{2})^2 + \frac{3}{4} + \frac{1}{2} - 4^2 = \frac{11}{2} = 5\frac{1}{2}$

$(4 + \frac{1}{4})^2 + \frac{1}{2} - \frac{1}{3} - 2^2 = \frac{683}{48} = 14\frac{11}{48}$

$(5 - \frac{1}{2})^2 + \frac{1}{3} + \frac{3}{5} + 2^2 = \frac{1511}{60} = 25\frac{11}{60}$

$(3 + \frac{3}{4})^2 + \frac{1}{2} + 4^2 \times \frac{2}{3} = \frac{1211}{48} = 25\frac{11}{48}$

$(\frac{1}{4} - (\frac{1}{5})^2) \times \frac{3}{4} - (\frac{2}{3} - \frac{1}{4})^2 = (-\frac{29}{1800})$

$(4 + \frac{1}{2})^2 - \frac{1}{2} - \frac{3}{5} - 2^2 = \frac{303}{20} = 15\frac{3}{20}$

$((\frac{3}{5})^2 + \frac{1}{2}) \times \frac{1}{2} + (\frac{1}{6} - \frac{1}{6})^2 = \frac{43}{100}$