five fractions, order of operations with brackets

Name: _____ Date: _____ Score: _____

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

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

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

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

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

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

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

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

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

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

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

$(3 + \frac{1}{3})^2 - \frac{3}{2} + 4^2 + \frac{1}{2} = \frac{235}{9} = 26\frac{1}{9}$

$(3 - \frac{1}{3})^2 + \frac{1}{2} - \frac{2}{5} \times 4^2 = \frac{109}{90} = 1\frac{19}{90}$

$(\frac{1}{3} - (\frac{1}{2})^2) \times \frac{1}{2} - (\frac{1}{3} + \frac{1}{3})^2 = (-\frac{29}{72})$

$(2 - \frac{3}{5})^2 + \frac{1}{2} - \frac{2}{3} - 3^2 = (-\frac{1081}{150}) = (-7\frac{31}{150})$

$(\frac{1}{4} - (\frac{3}{4})^2) \times \frac{1}{3} - (\frac{1}{2} - \frac{1}{2})^2 = (-\frac{5}{48})$

$((\frac{1}{2})^2 + \frac{1}{2}) \times \frac{1}{3} - (\frac{1}{3} + \frac{3}{4})^2 = (-\frac{133}{144})$

$((\frac{1}{3})^2 - \frac{1}{3}) \times \frac{1}{6} + (\frac{1}{2} + \frac{1}{2})^2 = \frac{26}{27}$

$(\frac{2}{5} + (\frac{1}{3})^2) \times \frac{1}{3} + (\frac{1}{3} + \frac{1}{2})^2 = \frac{467}{540}$

$((\frac{1}{3})^2 - \frac{1}{3}) \times \frac{3}{4} + (\frac{3}{2} - \frac{2}{5})^2 = \frac{313}{300} = 1\frac{13}{300}$