5개의 분수, 대괄호를 사용한 연산 순서

이름: _____ 날짜: _____ 점수: _____

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

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

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

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

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

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

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

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

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

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

5개의 분수, 대괄호를 사용한 연산 순서

이름: _____ 날짜: _____ 점수: _____

$((\frac{1}{4})^2 - \frac{3}{2}) \times \frac{3}{2} - (\frac{3}{2} + \frac{3}{5})^2 = (-\frac{5253}{800}) = (-6\frac{453}{800})$

$(\frac{1}{2} + \frac{1}{2})^2 - \frac{2}{5}(\frac{1}{6} + (\frac{1}{3})^2) = \frac{8}{9}$

$(\frac{1}{4} + \frac{3}{5})^2 + \frac{1}{2}(\frac{3}{2} - (\frac{3}{2})^2) = \frac{139}{400}$

$(\frac{3}{5} - \frac{3}{5})^2 + \frac{2}{3}(\frac{1}{6} - \frac{1}{2}) = (-\frac{2}{9})$

$(\frac{1}{3} + \frac{1}{3})^2 - \frac{3}{5}(\frac{3}{5} - \frac{1}{2}) = \frac{173}{450}$

$(3 - \frac{3}{5})^2 + \frac{1}{3} - \frac{1}{2} \times 4^2 = (-\frac{143}{75}) = (-1\frac{68}{75})$

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

$(\frac{3}{4} - \frac{1}{5})^2 + \frac{1}{5}(\frac{1}{2} - \frac{1}{2}) = \frac{121}{400}$

$(\frac{1}{3} - \frac{1}{2})^2 - \frac{1}{6}(\frac{1}{5} - (\frac{2}{3})^2) = \frac{37}{540}$

$((\frac{1}{2})^2 + \frac{1}{3}) \times \frac{1}{2} + (\frac{1}{2} - \frac{1}{6})^2 = \frac{29}{72}$