



5개의 분수, 대괄호를 사용한 연산 순서

이름: _____

날짜: _____ 점수: _____

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

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

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

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

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

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

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

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

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

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



5개의 분수, 대괄호를 사용한 연산 순서

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$$(2 - \frac{1}{5})^2 - \frac{3}{4} + \frac{1}{3} - 3^2 = (-\frac{1853}{300}) = (-6\frac{53}{300})$$

$$(5 - \frac{1}{2})^2 - \frac{1}{2} + \frac{1}{6} \times 3^2 = \frac{85}{4} = 21\frac{1}{4}$$

$$(\frac{1}{3} + \frac{3}{4})^2 - \frac{1}{2}(\frac{1}{3} - (\frac{1}{2})^2) = \frac{163}{144} = 1\frac{19}{144}$$

$$(\frac{3}{2} + \frac{1}{2})^2 - \frac{1}{5}(\frac{1}{2} + (\frac{1}{2})^2) = \frac{77}{20} = 3\frac{17}{20}$$

$$(\frac{2}{5} + \frac{1}{2})^2 + \frac{2}{5}(\frac{1}{2} - \frac{1}{3}) = \frac{263}{300}$$

$$(\frac{3}{4} - \frac{3}{5})^2 + \frac{1}{2}(\frac{1}{6} + (\frac{1}{6})^2) = \frac{431}{3600}$$

$$((\frac{2}{3})^2 + \frac{1}{5}) \times \frac{1}{6} - (\frac{1}{2} + \frac{1}{6})^2 = (-\frac{91}{270})$$

$$(3 + \frac{3}{2})^2 + \frac{2}{3} + \frac{1}{2} - 3^2 = \frac{149}{12} = 12\frac{5}{12}$$

$$(\frac{1}{2} - \frac{1}{2})^2 - \frac{3}{2}(\frac{1}{2} - \frac{3}{4}) = \frac{3}{8}$$

$$(\frac{3}{5} + \frac{3}{5})^2 + \frac{1}{5}(\frac{3}{2} - \frac{1}{5}) = \frac{17}{10} = 1\frac{7}{10}$$