



## 5개의 분수, 대괄호를 사용한 연산 순서

이름: \_\_\_\_\_

날짜: \_\_\_\_\_ 점수: \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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



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$$(4 + \frac{1}{6})^2 + \frac{1}{2} + \frac{1}{5} - 3^2 = \frac{1631}{180} = 9\frac{11}{180}$$

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

$$(3 + \frac{2}{3})^2 + \frac{3}{5} + 2^2 + \frac{2}{5} = \frac{166}{9} = 18\frac{4}{9}$$

$$(5 - \frac{1}{2})^2 + \frac{2}{3} \times 4^2 \times \frac{1}{4} = \frac{275}{12} = 22\frac{11}{12}$$

$$((\frac{1}{2})^2 - \frac{1}{2}) \times \frac{1}{4} + (\frac{3}{2} + \frac{1}{3})^2 = \frac{475}{144} = 3\frac{43}{144}$$

$$(\frac{3}{2} + \frac{1}{2})^2 - \frac{1}{2}(\frac{3}{5} + \frac{2}{3}) = \frac{101}{30} = 3\frac{11}{30}$$

$$((\frac{1}{6})^2 + \frac{2}{5}) \times \frac{1}{5} + (\frac{1}{2} - \frac{1}{2})^2 = \frac{77}{900}$$

$$(2 - \frac{1}{4})^2 + \frac{3}{5} - \frac{1}{2} - 3^2 = (-\frac{467}{80}) = (-5\frac{67}{80})$$

$$(\frac{1}{2} - \frac{1}{6})^2 + \frac{1}{5}(\frac{2}{5} + (\frac{1}{4})^2) = \frac{733}{3600}$$

$$(4 + \frac{1}{4})^2 - \frac{1}{5} - 5^2 - \frac{3}{2} = (-\frac{691}{80}) = (-8\frac{51}{80})$$