



5개의 분수, 대괄호를 사용한 연산 순서

이름: _____

날짜: _____ 점수: _____

$$\left(\frac{2}{3} + \frac{1}{2}\right)^2 + \frac{1}{6}\left(\frac{1}{3} + \frac{3}{2}\right) =$$

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

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

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

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

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

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

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

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

$$\left(\frac{1}{6} + \frac{1}{3}\right)^2 + \frac{1}{2}\left(\frac{2}{3} + \frac{3}{2}\right) =$$



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

$$\left(\frac{1}{3} - \frac{1}{4}\right)^2 - \frac{3}{4}\left(\frac{1}{3} - \frac{2}{3}\right) = \frac{37}{144}$$

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

$$\left(\frac{3}{2} - \frac{1}{2}\right)^2 + \frac{1}{2}\left(\frac{2}{5} - \frac{1}{3}\right) = \frac{31}{30} = 1\frac{1}{30}$$

$$\left(\frac{3}{4} + \frac{3}{5}\right)^2 - \frac{2}{5}\left(\frac{3}{4} - \left(\frac{1}{2}\right)^2\right) = \frac{649}{400} = 1\frac{249}{400}$$

$$\left(3 - \frac{1}{2}\right)^2 - \frac{1}{5} - \frac{1}{2} \times 3^2 = \frac{31}{20} = 1\frac{11}{20}$$

$$\left(\frac{2}{3} - \frac{1}{3}\right)^2 - \frac{1}{2}\left(\frac{3}{2} - \left(\frac{2}{3}\right)^2\right) = \left(-\frac{5}{12}\right)$$

$$\left(\frac{2}{3} - \frac{1}{2}\right)^2 + \frac{1}{2}\left(\frac{1}{3} + \frac{3}{4}\right) = \frac{41}{72}$$

$$\left(\left(\frac{1}{3}\right)^2 + \frac{1}{5}\right) \times \frac{1}{2} - \left(\frac{3}{2} + \frac{1}{4}\right)^2 = \left(-\frac{2093}{720}\right) = \left(-2\frac{653}{720}\right)$$

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