



5个分数的四则运算(有括号)

姓名: _____

日期: _____ 分数: _____

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

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

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

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

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

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

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

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

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

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



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$$\left(\left(\frac{1}{2}\right)^2 + \frac{1}{4}\right) \times \frac{1}{2} - \left(\frac{3}{4} - \frac{1}{3}\right)^2 = \frac{11}{144}$$

$$\left(5 + \frac{1}{2}\right)^2 + \frac{1}{6} - 2^2 + \frac{1}{3} = \frac{107}{4} = 26\frac{3}{4}$$

$$\left(\left(\frac{1}{4}\right)^2 - \frac{1}{2}\right) \times \frac{3}{5} + \left(\frac{1}{3} + \frac{1}{6}\right)^2 = \left(-\frac{1}{80}\right)$$

$$\left(\frac{1}{3} + \frac{1}{2}\right)^2 - \frac{1}{3}\left(\frac{1}{3} + \left(\frac{1}{6}\right)^2\right) = \frac{31}{54}$$

$$\left(\left(\frac{3}{5}\right)^2 + \frac{3}{2}\right) \times \frac{1}{2} - \left(\frac{3}{4} - \frac{1}{2}\right)^2 = \frac{347}{400}$$

$$\left(\frac{1}{2} - \frac{3}{5}\right)^2 + \frac{3}{4}\left(\frac{1}{2} - \frac{1}{2}\right) = \frac{1}{100}$$

$$\left(3 - \frac{1}{3}\right)^2 - \frac{2}{3} - 3^2 - \frac{1}{4} = \left(-\frac{101}{36}\right) = \left(-2\frac{29}{36}\right)$$

$$\left(\frac{3}{4} + \left(\frac{1}{3}\right)^2\right) \times \frac{1}{6} + \left(\frac{3}{2} + \frac{1}{6}\right)^2 = \frac{631}{216} = 2\frac{199}{216}$$

$$\left(\frac{1}{2} - \frac{1}{2}\right)^2 + \frac{1}{2}\left(\frac{2}{5} - \frac{3}{4}\right) = \left(-\frac{7}{40}\right)$$

$$\left(\frac{1}{2} - \left(\frac{2}{5}\right)^2\right) \times \frac{1}{4} + \left(\frac{3}{5} + \frac{3}{2}\right)^2 = \frac{899}{200} = 4\frac{99}{200}$$