



5个分数的四则运算(有括号)

姓名: _____

日期: _____ 分数: _____

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{3}{5} - \left(\frac{2}{5}\right)^2\right) \times \frac{1}{2} + \left(\frac{1}{2} + \frac{2}{3}\right)^2 = \frac{1423}{900} = 1\frac{523}{900}$$

$$\left(\left(\frac{1}{2}\right)^2 - \frac{1}{3}\right) \times \frac{3}{2} - \left(\frac{1}{2} + \frac{1}{2}\right)^2 = \left(-\frac{9}{8}\right) = \left(-1\frac{1}{8}\right)$$

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

$$\left(\frac{3}{5} + \frac{3}{2}\right)^2 - \frac{2}{5}\left(\frac{3}{4} + \frac{3}{5}\right) = \frac{387}{100} = 3\frac{87}{100}$$

$$\left(\frac{3}{5} - \frac{1}{4}\right)^2 + \frac{1}{6}\left(\frac{1}{5} + \frac{3}{2}\right) = \frac{487}{1200}$$

$$\left(\left(\frac{2}{3}\right)^2 + \frac{1}{2}\right) \times \frac{3}{5} - \left(\frac{1}{6} - \frac{2}{5}\right)^2 = \frac{461}{900}$$

$$\left(\frac{1}{5} + \frac{3}{5}\right)^2 - \frac{1}{2}\left(\frac{3}{2} + \left(\frac{1}{6}\right)^2\right) = \left(-\frac{223}{1800}\right)$$

$$\left(\left(\frac{3}{2}\right)^2 - \frac{2}{5}\right) \times \frac{3}{5} - \left(\frac{3}{4} + \frac{1}{2}\right)^2 = \left(-\frac{181}{400}\right)$$

$$\left(5 - \frac{3}{4}\right)^2 + \frac{1}{3} \times \frac{1}{3} - 3^2 = \frac{1321}{144} = 9\frac{25}{144}$$

$$\left(\frac{2}{3} + \frac{2}{3}\right)^2 - \frac{2}{3}\left(\frac{1}{2} + \left(\frac{1}{2}\right)^2\right) = \frac{23}{18} = 1\frac{5}{18}$$