



5个分数的四则运算(有括号)

姓名: _____

日期: _____ 分数: _____

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

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

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

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

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

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

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

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

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

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



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$$\left(\left(\frac{1}{2}\right)^2 + \frac{3}{4}\right) \times \frac{2}{5} + \left(\frac{1}{3} - \frac{3}{4}\right)^2 = \frac{413}{720}$$

$$\left(\left(\frac{2}{3}\right)^2 + \frac{1}{2}\right) \times \frac{1}{6} + \left(\frac{1}{5} - \frac{1}{2}\right)^2 = \frac{167}{675}$$

$$\left(\frac{1}{2} - \frac{3}{2}\right)^2 + \frac{1}{5}\left(\frac{1}{2} - \left(\frac{2}{5}\right)^2\right) = \frac{267}{250} = 1\frac{17}{250}$$

$$\left(3 - \frac{1}{2}\right)^2 + \frac{1}{5} - \frac{1}{5} + 2^2 = \frac{41}{4} = 10\frac{1}{4}$$

$$\left(\left(\frac{1}{3}\right)^2 - \frac{1}{3}\right) \times \frac{1}{2} - \left(\frac{1}{4} - \frac{1}{3}\right)^2 = \left(-\frac{17}{144}\right)$$

$$\left(2 - \frac{3}{4}\right)^2 + \frac{1}{2} + \frac{2}{5} + 2^2 = \frac{517}{80} = 6\frac{37}{80}$$

$$\left(\frac{1}{5} + \left(\frac{2}{5}\right)^2\right) \times \frac{2}{3} - \left(\frac{2}{3} - \frac{1}{3}\right)^2 = \frac{29}{225}$$

$$\left(\frac{1}{5} + \left(\frac{2}{5}\right)^2\right) \times \frac{1}{6} - \left(\frac{3}{4} - \frac{1}{5}\right)^2 = \left(-\frac{97}{400}\right)$$

$$\left(\left(\frac{1}{6}\right)^2 - \frac{1}{3}\right) \times \frac{1}{2} + \left(\frac{1}{3} - \frac{1}{2}\right)^2 = \left(-\frac{1}{8}\right)$$

$$\left(4 + \frac{3}{2}\right)^2 + \frac{1}{2} \times 2^2 \times \frac{1}{6} = \frac{367}{12} = 30\frac{7}{12}$$