



5个分数的四则运算(有括号)

姓名: _____

日期: _____ 分数: _____

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

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

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

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

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

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

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

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

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

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



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

$$\left(4 - \frac{1}{2}\right)^2 + \frac{1}{5} + \frac{1}{5} - 4^2 = \left(-\frac{67}{20}\right) = \left(-3\frac{7}{20}\right)$$

$$\left(\frac{1}{2} + \left(\frac{3}{2}\right)^2\right) \times \frac{1}{2} - \left(\frac{1}{3} - \frac{1}{2}\right)^2 = \frac{97}{72} = 1\frac{25}{72}$$

$$\left(\left(\frac{1}{2}\right)^2 - \frac{1}{5}\right) \times \frac{1}{3} + \left(\frac{1}{6} + \frac{2}{3}\right)^2 = \frac{32}{45}$$

$$\left(\left(\frac{2}{5}\right)^2 - \frac{1}{6}\right) \times \frac{1}{3} + \left(\frac{3}{4} + \frac{1}{3}\right)^2 = \frac{4217}{3600} = 1\frac{617}{3600}$$

$$\left(5 + \frac{1}{2}\right)^2 - \frac{3}{4} \times \frac{3}{2} - 3^2 = \frac{161}{8} = 20\frac{1}{8}$$

$$\left(\frac{1}{2} - \frac{2}{5}\right)^2 - \frac{3}{4}\left(\frac{1}{5} - \left(\frac{1}{5}\right)^2\right) = \left(-\frac{11}{100}\right)$$

$$\left(4 + \frac{1}{5}\right)^2 + \frac{2}{3} \times \frac{1}{2} \times 4^2 = \frac{1723}{75} = 22\frac{73}{75}$$

$$\left(\left(\frac{1}{4}\right)^2 + \frac{3}{5}\right) \times \frac{3}{5} - \left(\frac{3}{4} + \frac{1}{5}\right)^2 = \left(-\frac{101}{200}\right)$$

$$\left(2 - \frac{1}{2}\right)^2 + \frac{1}{2} - 3^2 - \frac{1}{5} = \left(-\frac{129}{20}\right) = \left(-6\frac{9}{20}\right)$$