



5个分数的四则运算(有括号)

姓名: _____

日期: _____ 分数: _____

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

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

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

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

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

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

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

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

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

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



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$$\left(\left(\frac{1}{2}\right)^2 - \frac{1}{2}\right) \times \frac{1}{6} + \left(\frac{1}{2} - \frac{3}{4}\right)^2 = \frac{1}{48}$$

$$\left(\frac{2}{3} + \left(\frac{3}{2}\right)^2\right) \times \frac{1}{6} + \left(\frac{3}{2} - \frac{1}{4}\right)^2 = \frac{295}{144} = 2\frac{7}{144}$$

$$\left(5 - \frac{1}{2}\right)^2 - \frac{1}{2} + \frac{1}{2} - 4^2 = \frac{17}{4} = 4\frac{1}{4}$$

$$\left(\frac{1}{6} + \left(\frac{1}{2}\right)^2\right) \times \frac{1}{2} - \left(\frac{3}{4} - \frac{3}{5}\right)^2 = \frac{223}{1200}$$

$$\left(\frac{1}{2} - \left(\frac{2}{3}\right)^2\right) \times \frac{1}{2} - \left(\frac{2}{5} + \frac{1}{2}\right)^2 = \left(-\frac{176}{225}\right)$$

$$\left(\left(\frac{1}{4}\right)^2 + \frac{1}{2}\right) \times \frac{1}{4} + \left(\frac{1}{3} + \frac{1}{4}\right)^2 = \frac{277}{576}$$

$$\left(4 + \frac{3}{5}\right)^2 - \frac{1}{3} + \frac{1}{2} - 3^2 = \frac{1849}{150} = 12\frac{49}{150}$$

$$\left(\frac{3}{2} - \left(\frac{1}{2}\right)^2\right) \times \frac{2}{3} - \left(\frac{2}{3} + \frac{3}{5}\right)^2 = \left(-\frac{347}{450}\right)$$

$$\left(\frac{2}{3} + \frac{3}{2}\right)^2 - \frac{2}{5}\left(\frac{1}{6} + \frac{2}{5}\right) = \frac{4021}{900} = 4\frac{421}{900}$$

$$\left(4 + \frac{1}{3}\right)^2 + \frac{3}{2} + \frac{1}{4} \times 4^2 = \frac{437}{18} = 24\frac{5}{18}$$