



5个分数的四则运算(有括号)

姓名: _____

日期: _____ 分数: _____

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{3}{5} + \left(\frac{2}{5}\right)^2\right) \times \frac{2}{3} - \left(\frac{1}{3} + \frac{1}{4}\right)^2 = \frac{599}{3600}$$

$$\left(\left(\frac{2}{5}\right)^2 + \frac{3}{5}\right) \times \frac{1}{3} - \left(\frac{1}{2} + \frac{3}{2}\right)^2 = \left(-\frac{281}{75}\right) = \left(-3\frac{56}{75}\right)$$

$$\left(4 + \frac{3}{4}\right)^2 - \frac{1}{3} + 3^2 - \frac{3}{5} = \frac{7351}{240} = 30\frac{151}{240}$$

$$\left(4 + \frac{3}{4}\right)^2 + \frac{1}{3} + 5^2 \times \frac{1}{5} = \frac{1339}{48} = 27\frac{43}{48}$$

$$\left(\frac{1}{4} + \left(\frac{3}{4}\right)^2\right) \times \frac{1}{6} + \left(\frac{1}{5} - \frac{1}{3}\right)^2 = \frac{1103}{7200}$$

$$\left(\frac{1}{3} - \frac{1}{3}\right)^2 + \frac{1}{2}\left(\frac{2}{5} - \left(\frac{3}{4}\right)^2\right) = \left(-\frac{13}{160}\right)$$

$$\left(3 - \frac{2}{5}\right)^2 + \frac{1}{3} \times 3^2 - \frac{1}{6} = \frac{1439}{150} = 9\frac{89}{150}$$

$$\left(3 - \frac{3}{5}\right)^2 + \frac{1}{2} \times 5^2 - \frac{1}{5} = \frac{903}{50} = 18\frac{3}{50}$$

$$\left(\frac{2}{5} + \left(\frac{2}{3}\right)^2\right) \times \frac{2}{5} - \left(\frac{2}{3} + \frac{3}{2}\right)^2 = \left(-\frac{1307}{300}\right) = \left(-4\frac{107}{300}\right)$$

$$\left(\frac{1}{3} - \frac{2}{5}\right)^2 + \frac{2}{5}\left(\frac{2}{3} + \frac{1}{3}\right) = \frac{91}{225}$$