



## 5个分数的四则运算(有括号)

姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分数: \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{3}{5} + \frac{2}{3}\right)^2 + \frac{1}{4}\left(\frac{2}{3} + \frac{1}{2}\right) = \frac{3413}{1800} = 1\frac{1613}{1800}$$

$$\left(\frac{1}{2} + \frac{1}{5}\right)^2 + \frac{2}{5}\left(\frac{3}{2} + \left(\frac{1}{2}\right)^2\right) = \frac{119}{100} = 1\frac{19}{100}$$

$$\left(\frac{3}{2} - \frac{1}{3}\right)^2 - \frac{1}{6}\left(\frac{3}{4} + \left(\frac{3}{2}\right)^2\right) = \frac{31}{36}$$

$$\left(\left(\frac{3}{2}\right)^2 - \frac{1}{2}\right) \times \frac{1}{6} + \left(\frac{1}{6} + \frac{1}{3}\right)^2 = \frac{13}{24}$$

$$\left(\frac{1}{2} + \left(\frac{1}{3}\right)^2\right) \times \frac{1}{2} + \left(\frac{1}{3} - \frac{3}{4}\right)^2 = \frac{23}{48}$$

$$\left(\frac{1}{5} - \left(\frac{1}{2}\right)^2\right) \times \frac{3}{5} + \left(\frac{1}{2} + \frac{1}{2}\right)^2 = \frac{97}{100}$$

$$\left(\frac{1}{4} - \frac{1}{2}\right)^2 + \frac{1}{3}\left(\frac{1}{2} - \frac{1}{6}\right) = \frac{25}{144}$$

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

$$\left(\frac{3}{4} - \left(\frac{1}{2}\right)^2\right) \times \frac{3}{4} - \left(\frac{2}{5} - \frac{3}{4}\right)^2 = \frac{101}{400}$$

$$\left(\frac{3}{4} - \frac{1}{2}\right)^2 - \frac{1}{5}\left(\frac{1}{4} + \frac{1}{6}\right) = \left(-\frac{1}{48}\right)$$