



5个分数的四则运算(有括号)

姓名: _____

日期: _____ 分数: _____

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

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

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

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

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

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

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

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

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

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



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$$\left(\left(\frac{1}{2}\right)^2 + \frac{1}{2}\right) \times \frac{1}{4} + \left(\frac{1}{2} + \frac{1}{2}\right)^2 = \frac{19}{16} = 1\frac{3}{16}$$

$$\left(\left(\frac{1}{4}\right)^2 + \frac{1}{2}\right) \times \frac{1}{3} - \left(\frac{3}{5} - \frac{1}{5}\right)^2 = \frac{11}{400}$$

$$\left(3 - \frac{3}{4}\right)^2 + \frac{1}{5} - \frac{1}{3} \times 3^2 = \frac{181}{80} = 2\frac{21}{80}$$

$$\left(\frac{2}{3} + \frac{1}{2}\right)^2 + \frac{2}{5}\left(\frac{3}{4} + \left(\frac{3}{4}\right)^2\right) = \frac{679}{360} = 1\frac{319}{360}$$

$$\left(5 + \frac{3}{5}\right)^2 - \frac{1}{2} \times 2^2 \times \frac{1}{2} = \frac{759}{25} = 30\frac{9}{25}$$

$$\left(3 + \frac{1}{2}\right)^2 - \frac{2}{3} \times 5^2 \times \frac{2}{5} = \frac{67}{12} = 5\frac{7}{12}$$

$$\left(\left(\frac{1}{5}\right)^2 - \frac{3}{5}\right) \times \frac{2}{3} + \left(\frac{1}{2} + \frac{1}{2}\right)^2 = \frac{47}{75}$$

$$\left(2 - \frac{2}{3}\right)^2 + \frac{3}{4} \times 3^2 - \frac{1}{3} = \frac{295}{36} = 8\frac{7}{36}$$

$$\left(5 - \frac{3}{2}\right)^2 + \frac{1}{3} \times 2^2 - \frac{3}{2} = \frac{145}{12} = 12\frac{1}{12}$$

$$\left(\left(\frac{1}{4}\right)^2 - \frac{1}{2}\right) \times \frac{1}{6} + \left(\frac{3}{2} + \frac{2}{3}\right)^2 = \frac{1331}{288} = 4\frac{179}{288}$$