



5个分数的四则运算(有括号)

姓名: _____

日期: _____ 分数: _____

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

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

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

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

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

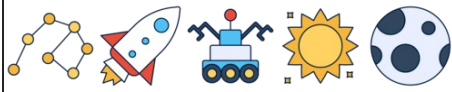
$$\left(\left(\frac{1}{2}\right)^2 - \frac{3}{5}\right) \times \frac{1}{5} + \left(\frac{3}{4} - \frac{2}{5}\right)^2 =$$

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

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

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

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



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$$\left(\left(\frac{1}{2}\right)^2 + \frac{1}{2}\right) \times \frac{2}{5} - \left(\frac{3}{4} + \frac{2}{3}\right)^2 = \left(-\frac{1229}{720}\right) = \left(-1\frac{509}{720}\right) \quad \left(\frac{1}{6} + \frac{1}{4}\right)^2 + \frac{1}{2}\left(\frac{3}{4} + \frac{1}{2}\right) = \frac{115}{144}$$

$$\left(\frac{2}{3} - \frac{1}{2}\right)^2 - \frac{1}{4}\left(\frac{1}{2} + \frac{3}{4}\right) = \left(-\frac{41}{144}\right) \quad \left(\frac{1}{3} - \frac{1}{3}\right)^2 + \frac{1}{3}\left(\frac{1}{3} - \frac{2}{5}\right) = \left(-\frac{1}{45}\right)$$

$$\left(\frac{1}{2} + \left(\frac{2}{3}\right)^2\right) \times \frac{1}{3} + \left(\frac{1}{5} + \frac{1}{4}\right)^2 = \frac{5587}{10800} \quad \left(\left(\frac{1}{2}\right)^2 - \frac{3}{5}\right) \times \frac{1}{5} + \left(\frac{3}{4} - \frac{2}{5}\right)^2 = \frac{21}{400}$$

$$\left(\left(\frac{1}{2}\right)^2 - \frac{1}{2}\right) \times \frac{3}{4} + \left(\frac{1}{2} + \frac{1}{2}\right)^2 = \frac{13}{16} \quad \left(3 - \frac{3}{5}\right)^2 - \frac{1}{2} - 5^2 - \frac{1}{4} = \left(-\frac{1999}{100}\right) = \left(-19\frac{99}{100}\right)$$

$$\left(\left(\frac{2}{5}\right)^2 + \frac{3}{5}\right) \times \frac{1}{2} - \left(\frac{1}{2} - \frac{1}{2}\right)^2 = \frac{19}{50} \quad \left(5 + \frac{1}{6}\right)^2 - \frac{1}{6} + \frac{2}{5} - 2^2 = \frac{4127}{180} = 22\frac{167}{180}$$