



5个分数的四则运算(有括号)

姓名: _____

日期: _____ 分数: _____

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

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

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

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

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

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

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

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

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

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



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$$(3 + \frac{1}{4})^2 - \frac{2}{3} - \frac{3}{4} + 2^2 = \frac{631}{48} = 13\frac{7}{48}$$

$$(4 + \frac{2}{3})^2 + \frac{1}{2} + 3^2 - \frac{1}{3} = \frac{557}{18} = 30\frac{17}{18}$$

$$((\frac{1}{5})^2 - \frac{3}{5}) \times \frac{1}{2} - (\frac{1}{2} + \frac{2}{5})^2 = (-\frac{109}{100}) = (-1\frac{9}{100})$$

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

$$((\frac{1}{3})^2 + \frac{3}{4}) \times \frac{2}{5} + (\frac{1}{6} + \frac{3}{2})^2 = \frac{281}{90} = 3\frac{11}{90}$$

$$((\frac{1}{5})^2 - \frac{1}{6}) \times \frac{1}{2} - (\frac{1}{4} + \frac{1}{2})^2 = (-\frac{751}{1200})$$

$$((\frac{1}{2})^2 - \frac{1}{6}) \times \frac{1}{2} - (\frac{1}{2} - \frac{3}{2})^2 = (-\frac{23}{24})$$

$$(\frac{1}{5} - (\frac{1}{5})^2) \times \frac{1}{6} + (\frac{3}{5} - \frac{2}{5})^2 = \frac{1}{15}$$

$$(4 + \frac{2}{5})^2 + \frac{2}{5} + \frac{2}{3} + 2^2 = \frac{1832}{75} = 24\frac{32}{75}$$

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