



## 5個分數的四則運算(有括號)

姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分數: \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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



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$$(5 + \frac{3}{5})^2 - \frac{1}{2} + 4^2 - \frac{1}{6} = \frac{3502}{75} = 46\frac{52}{75}$$

$$(\frac{2}{5} - \frac{3}{4})^2 - \frac{1}{2}(\frac{3}{5} + (\frac{2}{3})^2) = (-\frac{1439}{3600})$$

$$(3 - \frac{1}{5})^2 + \frac{3}{2} + \frac{1}{2} + 2^2 = \frac{346}{25} = 13\frac{21}{25}$$

$$(5 + \frac{1}{5})^2 - \frac{1}{6} + 5^2 \times \frac{1}{4} = \frac{9937}{300} = 33\frac{37}{300}$$

$$(\frac{1}{5} - \frac{1}{5})^2 - \frac{3}{4}(\frac{1}{5} + (\frac{1}{6})^2) = (-\frac{41}{240})$$

$$((\frac{1}{4})^2 + \frac{1}{5}) \times \frac{3}{2} - (\frac{1}{2} - \frac{3}{2})^2 = (-\frac{97}{160})$$

$$(\frac{1}{2} - \frac{3}{4})^2 - \frac{1}{3}(\frac{2}{5} + (\frac{1}{6})^2) = (-\frac{173}{2160})$$

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

$$(4 + \frac{1}{5})^2 - \frac{3}{2} \times \frac{1}{3} - 4^2 = \frac{57}{50} = 1\frac{7}{50}$$

$$(\frac{1}{6} - \frac{3}{5})^2 - \frac{3}{4}(\frac{2}{3} + (\frac{2}{5})^2) = (-\frac{389}{900})$$