



fünf Brüche, Reihenfolge der Operationen mit Klammern

Name: \_\_\_\_\_

Datum: \_\_\_\_\_ Ergebnis: \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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



fünf Brüche, Reihenfolge der Operationen mit Klammern

Name: \_\_\_\_\_

Datum: \_\_\_\_\_ Ergebnis: \_\_\_\_\_

$$(2 - \frac{1}{6})^2 + \frac{1}{2} \times \frac{1}{3} + 3^2 = \frac{451}{36} = 12\frac{19}{36}$$

$$((\frac{1}{3})^2 + \frac{3}{4}) \times \frac{3}{2} - (\frac{3}{2} + \frac{1}{2})^2 = (-\frac{65}{24}) = (-2\frac{17}{24})$$

$$(2 + \frac{1}{3})^2 - \frac{1}{4} - 5^2 + \frac{3}{2} = (-\frac{659}{36}) = (-18\frac{11}{36})$$

$$(\frac{2}{5} + \frac{3}{4})^2 + \frac{3}{5}(\frac{2}{5} - \frac{3}{5}) = \frac{481}{400} = 1\frac{81}{400}$$

$$(\frac{3}{2} + \frac{2}{5})^2 - \frac{1}{3}(\frac{3}{4} - \frac{3}{2}) = \frac{193}{50} = 3\frac{43}{50}$$

$$(\frac{1}{3} - \frac{3}{2})^2 - \frac{1}{4}(\frac{1}{2} - (\frac{1}{3})^2) = \frac{91}{72} = 1\frac{19}{72}$$

$$(5 - \frac{2}{3})^2 + \frac{3}{5} - \frac{1}{2} \times 3^2 = \frac{1339}{90} = 14\frac{79}{90}$$

$$(4 - \frac{1}{2})^2 + \frac{2}{3} - 3^2 + \frac{1}{5} = \frac{247}{60} = 4\frac{7}{60}$$

$$(3 - \frac{2}{5})^2 + \frac{3}{4} - \frac{1}{3} + 2^2 = \frac{3353}{300} = 11\frac{53}{300}$$

$$(\frac{1}{3} + \frac{1}{2})^2 - \frac{2}{5}(\frac{1}{4} + \frac{3}{2}) = (-\frac{1}{180})$$