



fünf Brüche, Reihenfolge der Operationen mit Klammern

Name: _____

Datum: _____ Ergebnis: _____

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

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

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

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

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

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

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

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

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

$$\left(\frac{1}{6} + \frac{1}{5}\right)^2 + \frac{2}{5} \left(\frac{2}{3} + \frac{1}{5}\right) =$$



fünf Brüche, Reihenfolge der Operationen mit Klammern

Name: _____

Datum: _____ Ergebnis: _____

$$(2 - \frac{1}{3})^2 - \frac{2}{5} + 4^2 - \frac{1}{3} = \frac{812}{45} = 18\frac{2}{45}$$

$$(4 + \frac{1}{2})^2 - \frac{2}{3} + 5^2 - \frac{1}{5} = \frac{2663}{60} = 44\frac{23}{60}$$

$$(\frac{1}{6} + (\frac{1}{6})^2) \times \frac{1}{6} + (\frac{1}{2} + \frac{2}{5})^2 = \frac{4549}{5400}$$

$$(3 + \frac{1}{6})^2 - \frac{1}{2} - 3^2 - \frac{2}{5} = \frac{23}{180}$$

$$(4 + \frac{3}{4})^2 - \frac{1}{4} \times 3^2 + \frac{1}{3} = \frac{991}{48} = 20\frac{31}{48}$$

$$(\frac{2}{5} + \frac{1}{5})^2 + \frac{3}{2}(\frac{3}{2} - \frac{3}{2}) = \frac{9}{25}$$

$$(\frac{1}{3} + \frac{1}{3})^2 - \frac{1}{5}(\frac{1}{3} - (\frac{2}{5})^2) = \frac{461}{1125}$$

$$(\frac{1}{2} + (\frac{1}{3})^2) \times \frac{3}{5} - (\frac{3}{5} + \frac{1}{2})^2 = (-\frac{253}{300})$$

$$(\frac{1}{3} - (\frac{1}{4})^2) \times \frac{1}{2} + (\frac{1}{2} + \frac{1}{6})^2 = \frac{167}{288}$$

$$(\frac{1}{6} + \frac{1}{5})^2 + \frac{2}{5}(\frac{2}{3} + \frac{1}{5}) = \frac{433}{900}$$