



fünf Brüche, Reihenfolge der Operationen mit
Klammern

Name: _____

Datum: _____ Ergebnis: _____

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

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

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

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

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

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

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

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

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

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