

1 Berechne

a) $\frac{11}{12} - \frac{5}{8} =$

b) $\frac{5}{6} - \frac{3}{8} =$

c) $\frac{3}{4} - \frac{3}{5} =$

2 Berechne

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

b) $6\frac{3}{8} - 2\frac{2}{3} =$

c) $9\frac{7}{8} - 3\frac{7}{10} =$

3 Berechne

a) $4\frac{3}{4} - 3\frac{7}{10} + 1\frac{2}{5} =$

b) $5\frac{4}{5} - 1\frac{2}{3} + 1\frac{3}{15} =$

4 Die Rechnungen in Klammern sind zuerst auszuführen.

a) $\left(\frac{3}{4} + \frac{5}{4}\right) + \left(\frac{1}{4} + \frac{3}{4}\right) =$ _____

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

c) $\left(3\frac{3}{8} - \frac{5}{8}\right) - \left(1\frac{1}{8} - \frac{3}{8}\right) =$ _____

5 Vervollständige das magische Quadrat.

| | | | | | | | |
|-----------|----------------|----------------|----------------|--|----------------|----------------|----------------|
| Beispiel: | | | $1\frac{2}{3}$ | $1\frac{2}{3} + 2\frac{2}{3} + 3\frac{2}{3} = 8$ | $2\frac{1}{3}$ | 4 | $1\frac{2}{3}$ |
| | 2 | $2\frac{2}{3}$ | | $8 - 2 - 3\frac{2}{3} = 2\frac{1}{3}$ | 2 | $2\frac{2}{3}$ | $3\frac{1}{3}$ |
| | $3\frac{2}{3}$ | | | ... | $3\frac{2}{3}$ | $1\frac{1}{3}$ | 3 |

a)

| | | |
|------------------|------------------|------------------|
| $3\frac{18}{20}$ | | $4\frac{12}{20}$ |
| | $3\frac{11}{20}$ | |
| $2\frac{10}{20}$ | | |

b)

| | | |
|-----------------|-----------------|-----------------|
| $\frac{14}{12}$ | | $1\frac{6}{12}$ |
| | $1\frac{5}{12}$ | |
| | | $1\frac{8}{12}$ |