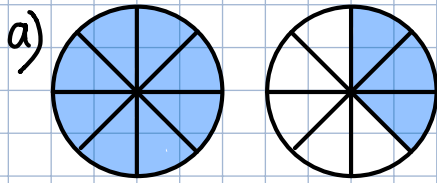


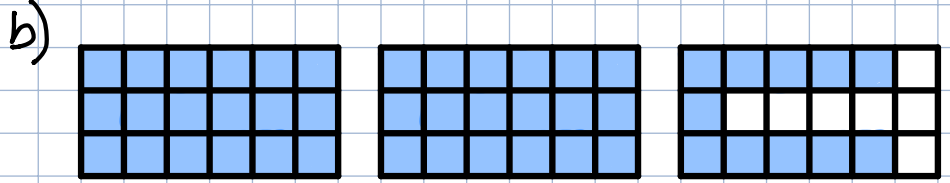
Brüche & Gemischte Zahlen

Übung 4 - LÖSUNG

1) Welcher Bruchteil ist dargestellt? Notiere als Bruch und gemischte Zahl.



$$\frac{11}{8} = 1\frac{3}{8}$$



$$\frac{47}{18} = 2\frac{11}{18}$$

2) a) $1 - \frac{4}{9} = \frac{9}{9} - \frac{4}{9} = \underline{\underline{\frac{5}{9}}}$

b) $2 - \frac{2}{7} = \frac{14}{7} - \frac{2}{7} = \frac{12}{7} = \underline{\underline{1\frac{5}{7}}}$

c) $4 - \frac{11}{5} = \frac{20}{5} - \frac{11}{5} = \frac{9}{5} = \underline{\underline{1\frac{4}{5}}}$

Tipp: Beispiele

$$1 = \frac{2}{2} \quad 1 = \frac{4}{4} \quad 1 = \frac{9}{9}$$

$$2 = \frac{6}{3} \quad 2 = \frac{14}{7}$$

$$4 = \frac{8}{2} \quad 4 = \frac{20}{5}$$

3) a) $3\frac{2}{3} + 4\frac{2}{3} = \underline{\underline{7\frac{4}{3}}} = \underline{\underline{8\frac{1}{3}}}$

b) $3\frac{2}{5} - \frac{4}{5} = \frac{17}{5} - \frac{4}{5} = \frac{13}{5} = \underline{\underline{2\frac{3}{5}}}$

c) $5\frac{1}{3} - 2\frac{2}{3} = \frac{16}{3} - \frac{8}{3} = \frac{8}{3} = \underline{\underline{2\frac{2}{3}}}$

4) Stell die Zahl mit Rechtecken dar.

$$2\frac{1}{4}$$

