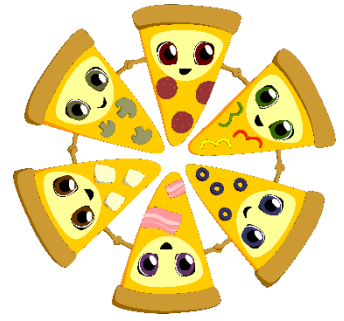


Brüche subtrahieren – Lösungen



1) Subtrahiere die Brüche.

a. $\frac{4}{5} - \frac{2}{5} = \frac{2}{5}$
b. $\frac{11}{13} - \frac{6}{13} = \frac{5}{13}$
c. $\frac{17}{18} - \frac{5}{18} - \frac{7}{18} = \frac{5}{18}$

2) Subtrahiere die Brüche.

a. $\frac{1}{4} - \frac{1}{8} = \frac{1*2}{4*2} - \frac{1}{8} = \frac{2}{8} - \frac{1}{8} = \frac{1}{8}$
b. $\frac{1}{2} - \frac{1}{8} = \frac{1*4}{2*4} - \frac{1}{8} = \frac{4}{8} - \frac{1}{8}$
c. $\frac{3}{4} - \frac{1}{3} - \frac{1}{6} = \frac{3*3}{4*3} - \frac{1*4}{3*4} - \frac{1*2}{6*2} = \frac{9}{12} - \frac{4}{12} - \frac{2}{12} = \frac{3}{12}$

3) Subtrahiere die Brüche.

a. $\frac{1}{2} - \frac{1}{5} = \frac{1*5}{2*5} - \frac{1*2}{5*2} = \frac{5}{10} - \frac{2}{10} = \frac{3}{10}$
b. $\frac{1}{3} - \frac{1}{5} = \frac{1*5}{3*5} - \frac{1*3}{5*3} = \frac{5}{15} - \frac{3}{15} = \frac{2}{15}$
c. $\frac{1}{5} - \frac{1}{6} = \frac{1*6}{5*6} - \frac{1*5}{6*5} = \frac{6}{30} - \frac{5}{30} = \frac{1}{30}$

4) Subtrahiere die Brüche.

a. $\frac{7}{15} - \frac{1}{3} = \frac{7}{15} - \frac{1*5}{3*5} = \frac{7}{15} - \frac{5}{15} = \frac{2}{15}$
b. $\frac{3}{4} - \frac{2}{5} = \frac{3*5}{4*5} - \frac{2*4}{5*4} = \frac{15}{20} - \frac{8}{20} = \frac{7}{20}$
c. $\frac{3}{4} - \frac{1}{6} = \frac{3*6}{4*6} - \frac{1*4}{6*4} = \frac{18}{24} - \frac{4}{24} = \frac{14}{24}$

5) Subtrahiere die Brüche.

a. $\frac{17}{10} - \frac{8}{15} = \frac{17*3}{10*3} - \frac{8*2}{15*2} = \frac{51}{30} - \frac{16}{30} = \frac{35}{30}$
b. $\frac{7}{12} - \frac{1}{4} = \frac{7}{12} - \frac{1*3}{4*3} = \frac{7}{12} - \frac{3}{12} = \frac{4}{12}$
c. $\frac{5}{12} - \frac{7}{36} = \frac{5*3}{12*3} - \frac{7}{36} = \frac{15}{36} - \frac{7}{36} = \frac{8}{36}$