

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{6}{13} - \frac{1}{4} =$

b) $\frac{7}{10} - \frac{2}{3} =$

c) $\frac{19}{30} - \frac{1}{12} =$

d) $\frac{29}{34} - \frac{4}{17} =$

② a) $\frac{19}{36} - \frac{7}{18} =$

b) $\frac{17}{30} - \frac{8}{15} =$

c) $\frac{1}{2} - \frac{9}{38} =$

d) $\frac{13}{18} - \frac{5}{27} =$

③ a) $\frac{14}{15} - \frac{7}{20} =$

b) $\frac{24}{35} - \frac{3}{7} =$

c) $\frac{23}{28} - \frac{1}{2} =$

d) $\frac{11}{17} - \frac{21}{34} =$

④ a) $\frac{17}{36} - \frac{5}{12} =$

b) $\frac{18}{19} - \frac{11}{38} =$

c) $\frac{9}{13} - \frac{14}{39} =$

d) $\frac{2}{15} - \frac{4}{45} =$

⑤ a) $\frac{17}{38} - \frac{8}{19} =$

b) $\frac{5}{6} - \frac{4}{21} =$

c) $\frac{11}{42} - \frac{3}{14} =$

d) $\frac{8}{9} - \frac{5}{6} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{6}{13} - \frac{1}{4} = \frac{24}{52} - \frac{13}{52} = \frac{11}{52}$$

$$\text{b) } \frac{7}{10} - \frac{2}{3} = \frac{21}{30} - \frac{20}{30} = \frac{1}{30}$$

$$\text{c) } \frac{19}{30} - \frac{1}{12} = \frac{38}{60} - \frac{5}{60} = \frac{33}{60} = \frac{11}{20}$$

$$\text{d) } \frac{29}{34} - \frac{4}{17} = \frac{29}{34} - \frac{8}{34} = \frac{21}{34}$$

$$\textcircled{2} \quad \text{a) } \frac{19}{36} - \frac{7}{18} = \frac{19}{36} - \frac{14}{36} = \frac{5}{36}$$

$$\text{b) } \frac{17}{30} - \frac{8}{15} = \frac{17}{30} - \frac{16}{30} = \frac{1}{30}$$

$$\text{c) } \frac{1}{2} - \frac{9}{38} = \frac{19}{38} - \frac{9}{38} = \frac{10}{38} = \frac{5}{19}$$

$$\text{d) } \frac{13}{18} - \frac{5}{27} = \frac{39}{54} - \frac{10}{54} = \frac{29}{54}$$

$$\textcircled{3} \quad \text{a) } \frac{14}{15} - \frac{7}{20} = \frac{56}{60} - \frac{21}{60} = \frac{35}{60} = \frac{7}{12}$$

$$\text{b) } \frac{24}{35} - \frac{3}{7} = \frac{24}{35} - \frac{15}{35} = \frac{9}{35}$$

$$\text{c) } \frac{23}{28} - \frac{1}{2} = \frac{23}{28} - \frac{14}{28} = \frac{9}{28}$$

$$\text{d) } \frac{11}{17} - \frac{21}{34} = \frac{22}{34} - \frac{21}{34} = \frac{1}{34}$$

$$\textcircled{4} \quad \text{a) } \frac{17}{36} - \frac{5}{12} = \frac{17}{36} - \frac{15}{36} = \frac{2}{36} = \frac{1}{18}$$

$$\text{b) } \frac{18}{19} - \frac{11}{38} = \frac{36}{38} - \frac{11}{38} = \frac{25}{38}$$

$$\text{c) } \frac{9}{13} - \frac{14}{39} = \frac{27}{39} - \frac{14}{39} = \frac{13}{39} = \frac{1}{3}$$

$$\text{d) } \frac{2}{15} - \frac{4}{45} = \frac{6}{45} - \frac{4}{45} = \frac{2}{45}$$

$$\textcircled{5} \quad \text{a) } \frac{17}{38} - \frac{8}{19} = \frac{17}{38} - \frac{16}{38} = \frac{1}{38}$$

$$\text{b) } \frac{5}{6} - \frac{4}{21} = \frac{35}{42} - \frac{8}{42} = \frac{27}{42} = \frac{9}{14}$$

$$\text{c) } \frac{11}{42} - \frac{3}{14} = \frac{11}{42} - \frac{9}{42} = \frac{2}{42} = \frac{1}{21}$$

$$\text{d) } \frac{8}{9} - \frac{5}{6} = \frac{16}{18} - \frac{15}{18} = \frac{1}{18}$$