

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a)  $\frac{10}{21} - \frac{17}{42} =$

b)  $\frac{7}{10} - \frac{7}{15} =$

c)  $\frac{23}{44} - \frac{5}{22} =$

d)  $\frac{22}{39} - \frac{1}{3} =$

② a)  $\frac{4}{7} - \frac{4}{21} =$

b)  $\frac{4}{7} - \frac{13}{35} =$

c)  $\frac{2}{9} - \frac{8}{45} =$

d)  $\frac{16}{27} - \frac{1}{9} =$

③ a)  $\frac{5}{6} - \frac{11}{14} =$

b)  $\frac{17}{20} - \frac{11}{40} =$

c)  $\frac{10}{17} - \frac{13}{34} =$

d)  $\frac{1}{2} - \frac{15}{34} =$

④ a)  $\frac{15}{38} - \frac{4}{19} =$

b)  $\frac{14}{15} - \frac{7}{12} =$

c)  $\frac{25}{33} - \frac{8}{11} =$

d)  $\frac{11}{30} - \frac{2}{15} =$

⑤ a)  $\frac{17}{26} - \frac{2}{13} =$

b)  $\frac{3}{22} - \frac{3}{44} =$

c)  $\frac{2}{3} - \frac{19}{45} =$

d)  $\frac{3}{11} - \frac{9}{44} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{10}{21} - \frac{17}{42} = \frac{20}{42} - \frac{17}{42} = \frac{3}{42} = \frac{1}{14}$$

$$\text{b) } \frac{7}{10} - \frac{7}{15} = \frac{21}{30} - \frac{14}{30} = \frac{7}{30}$$

$$\text{c) } \frac{23}{44} - \frac{5}{22} = \frac{23}{44} - \frac{10}{44} = \frac{13}{44}$$

$$\text{d) } \frac{22}{39} - \frac{1}{3} = \frac{22}{39} - \frac{13}{39} = \frac{9}{39} = \frac{3}{13}$$

$$\textcircled{2} \quad \text{a) } \frac{4}{7} - \frac{4}{21} = \frac{12}{21} - \frac{4}{21} = \frac{8}{21}$$

$$\text{b) } \frac{4}{7} - \frac{13}{35} = \frac{20}{35} - \frac{13}{35} = \frac{7}{35} = \frac{1}{5}$$

$$\text{c) } \frac{2}{9} - \frac{8}{45} = \frac{10}{45} - \frac{8}{45} = \frac{2}{45}$$

$$\text{d) } \frac{16}{27} - \frac{1}{9} = \frac{16}{27} - \frac{3}{27} = \frac{13}{27}$$

$$\textcircled{3} \quad \text{a) } \frac{5}{6} - \frac{11}{14} = \frac{35}{42} - \frac{33}{42} = \frac{2}{42} = \frac{1}{21}$$

$$\text{b) } \frac{17}{20} - \frac{11}{40} = \frac{34}{40} - \frac{11}{40} = \frac{23}{40}$$

$$\text{c) } \frac{10}{17} - \frac{13}{34} = \frac{20}{34} - \frac{13}{34} = \frac{7}{34}$$

$$\text{d) } \frac{1}{2} - \frac{15}{34} = \frac{17}{34} - \frac{15}{34} = \frac{2}{34} = \frac{1}{17}$$

$$\textcircled{4} \quad \text{a) } \frac{15}{38} - \frac{4}{19} = \frac{15}{38} - \frac{8}{38} = \frac{7}{38}$$

$$\text{b) } \frac{14}{15} - \frac{7}{12} = \frac{56}{60} - \frac{35}{60} = \frac{21}{60} = \frac{7}{20}$$

$$\text{c) } \frac{25}{33} - \frac{8}{11} = \frac{25}{33} - \frac{24}{33} = \frac{1}{33}$$

$$\text{d) } \frac{11}{30} - \frac{2}{15} = \frac{11}{30} - \frac{4}{30} = \frac{7}{30}$$

$$\textcircled{5} \quad \text{a) } \frac{17}{26} - \frac{2}{13} = \frac{17}{26} - \frac{4}{26} = \frac{13}{26} = \frac{1}{2}$$

$$\text{b) } \frac{3}{22} - \frac{3}{44} = \frac{6}{44} - \frac{3}{44} = \frac{3}{44}$$

$$\text{c) } \frac{2}{3} - \frac{19}{45} = \frac{30}{45} - \frac{19}{45} = \frac{11}{45}$$

$$\text{d) } \frac{3}{11} - \frac{9}{44} = \frac{12}{44} - \frac{9}{44} = \frac{3}{44}$$