

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{15}{17} - \frac{25}{34} =$

b) $\frac{7}{18} - \frac{2}{27} =$

c) $\frac{13}{22} - \frac{15}{44} =$

d) $\frac{23}{34} - \frac{9}{17} =$

② a) $\frac{18}{35} - \frac{3}{7} =$

b) $\frac{14}{45} - \frac{4}{15} =$

c) $\frac{1}{2} - \frac{17}{38} =$

d) $\frac{8}{15} - \frac{16}{45} =$

③ a) $\frac{6}{7} - \frac{4}{21} =$

b) $\frac{29}{30} - \frac{19}{20} =$

c) $\frac{27}{28} - \frac{5}{14} =$

d) $\frac{29}{38} - \frac{4}{19} =$

④ a) $\frac{14}{17} - \frac{11}{34} =$

b) $\frac{7}{20} - \frac{7}{40} =$

c) $\frac{7}{15} - \frac{1}{20} =$

d) $\frac{4}{5} - \frac{6}{35} =$

⑤ a) $\frac{14}{15} - \frac{3}{10} =$

b) $\frac{11}{21} - \frac{19}{42} =$

c) $\frac{29}{42} - \frac{3}{14} =$

d) $\frac{6}{7} - \frac{17}{21} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{15}{17} - \frac{25}{34} = \frac{30}{34} - \frac{25}{34} = \frac{5}{34}$$

$$\text{b) } \frac{7}{18} - \frac{2}{27} = \frac{21}{54} - \frac{4}{54} = \frac{17}{54}$$

$$\text{c) } \frac{13}{22} - \frac{15}{44} = \frac{26}{44} - \frac{15}{44} = \frac{11}{44} = \frac{1}{4}$$

$$\text{d) } \frac{23}{34} - \frac{9}{17} = \frac{23}{34} - \frac{18}{34} = \frac{5}{34}$$

$$\textcircled{2} \quad \text{a) } \frac{18}{35} - \frac{3}{7} = \frac{18}{35} - \frac{15}{35} = \frac{3}{35}$$

$$\text{b) } \frac{14}{45} - \frac{4}{15} = \frac{14}{45} - \frac{12}{45} = \frac{2}{45}$$

$$\text{c) } \frac{1}{2} - \frac{17}{38} = \frac{19}{38} - \frac{17}{38} = \frac{2}{38} = \frac{1}{19}$$

$$\text{d) } \frac{8}{15} - \frac{16}{45} = \frac{24}{45} - \frac{16}{45} = \frac{8}{45}$$

$$\textcircled{3} \quad \text{a) } \frac{6}{7} - \frac{4}{21} = \frac{18}{21} - \frac{4}{21} = \frac{14}{21} = \frac{2}{3}$$

$$\text{b) } \frac{29}{30} - \frac{19}{20} = \frac{58}{60} - \frac{57}{60} = \frac{1}{60}$$

$$\text{c) } \frac{27}{28} - \frac{5}{14} = \frac{27}{28} - \frac{10}{28} = \frac{17}{28}$$

$$\text{d) } \frac{29}{38} - \frac{4}{19} = \frac{29}{38} - \frac{8}{38} = \frac{21}{38}$$

$$\textcircled{4} \quad \text{a) } \frac{14}{17} - \frac{11}{34} = \frac{28}{34} - \frac{11}{34} = \frac{17}{34} = \frac{1}{2}$$

$$\text{b) } \frac{7}{20} - \frac{7}{40} = \frac{14}{40} - \frac{7}{40} = \frac{7}{40}$$

$$\text{c) } \frac{7}{15} - \frac{1}{20} = \frac{28}{60} - \frac{3}{60} = \frac{25}{60} = \frac{5}{12}$$

$$\text{d) } \frac{4}{5} - \frac{6}{35} = \frac{28}{35} - \frac{6}{35} = \frac{22}{35}$$

$$\textcircled{5} \quad \text{a) } \frac{14}{15} - \frac{3}{10} = \frac{28}{30} - \frac{9}{30} = \frac{19}{30}$$

$$\text{b) } \frac{11}{21} - \frac{19}{42} = \frac{22}{42} - \frac{19}{42} = \frac{3}{42} = \frac{1}{14}$$

$$\text{c) } \frac{29}{42} - \frac{3}{14} = \frac{29}{42} - \frac{9}{42} = \frac{20}{42} = \frac{10}{21}$$

$$\text{d) } \frac{6}{7} - \frac{17}{21} = \frac{18}{21} - \frac{17}{21} = \frac{1}{21}$$