

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{7}{12} - \frac{17}{36} =$

b) $\frac{4}{19} - \frac{1}{38} =$

c) $\frac{17}{38} - \frac{6}{19} =$

d) $\frac{29}{42} - \frac{10}{21} =$

② a) $\frac{7}{12} - \frac{11}{30} =$

b) $\frac{23}{36} - \frac{5}{9} =$

c) $\frac{15}{32} - \frac{7}{16} =$

d) $\frac{6}{7} - \frac{18}{35} =$

③ a) $\frac{1}{2} - \frac{7}{26} =$

b) $\frac{13}{17} - \frac{21}{34} =$

c) $\frac{8}{15} - \frac{4}{9} =$

d) $\frac{4}{5} - \frac{26}{45} =$

④ a) $\frac{25}{44} - \frac{9}{22} =$

b) $\frac{15}{17} - \frac{13}{34} =$

c) $\frac{13}{19} - \frac{25}{38} =$

d) $\frac{22}{35} - \frac{2}{5} =$

⑤ a) $\frac{19}{42} - \frac{2}{21} =$

b) $\frac{21}{40} - \frac{7}{20} =$

c) $\frac{11}{12} - \frac{11}{15} =$

d) $\frac{17}{20} - \frac{13}{40} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{7}{12} - \frac{17}{36} = \frac{21}{36} - \frac{17}{36} = \frac{4}{36} = \frac{1}{9}$$

$$\text{b) } \frac{4}{19} - \frac{1}{38} = \frac{8}{38} - \frac{1}{38} = \frac{7}{38}$$

$$\text{c) } \frac{17}{38} - \frac{6}{19} = \frac{17}{38} - \frac{12}{38} = \frac{5}{38}$$

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

$$\textcircled{2} \quad \text{a) } \frac{7}{12} - \frac{11}{30} = \frac{35}{60} - \frac{22}{60} = \frac{13}{60}$$

$$\text{b) } \frac{23}{36} - \frac{5}{9} = \frac{23}{36} - \frac{20}{36} = \frac{3}{36} = \frac{1}{12}$$

$$\text{c) } \frac{15}{32} - \frac{7}{16} = \frac{15}{32} - \frac{14}{32} = \frac{1}{32}$$

$$\text{d) } \frac{6}{7} - \frac{18}{35} = \frac{30}{35} - \frac{18}{35} = \frac{12}{35}$$

$$\textcircled{3} \quad \text{a) } \frac{1}{2} - \frac{7}{26} = \frac{13}{26} - \frac{7}{26} = \frac{6}{26} = \frac{3}{13}$$

$$\text{b) } \frac{13}{17} - \frac{21}{34} = \frac{26}{34} - \frac{21}{34} = \frac{5}{34}$$

$$\text{c) } \frac{8}{15} - \frac{4}{9} = \frac{24}{45} - \frac{20}{45} = \frac{4}{45}$$

$$\text{d) } \frac{4}{5} - \frac{26}{45} = \frac{36}{45} - \frac{26}{45} = \frac{10}{45} = \frac{2}{9}$$

$$\textcircled{4} \quad \text{a) } \frac{25}{44} - \frac{9}{22} = \frac{25}{44} - \frac{18}{44} = \frac{7}{44}$$

$$\text{b) } \frac{15}{17} - \frac{13}{34} = \frac{30}{34} - \frac{13}{34} = \frac{17}{34} = \frac{1}{2}$$

$$\text{c) } \frac{13}{19} - \frac{25}{38} = \frac{26}{38} - \frac{25}{38} = \frac{1}{38}$$

$$\text{d) } \frac{22}{35} - \frac{2}{5} = \frac{22}{35} - \frac{14}{35} = \frac{8}{35}$$

$$\textcircled{5} \quad \text{a) } \frac{19}{42} - \frac{2}{21} = \frac{19}{42} - \frac{4}{42} = \frac{15}{42} = \frac{5}{14}$$

$$\text{b) } \frac{21}{40} - \frac{7}{20} = \frac{21}{40} - \frac{14}{40} = \frac{7}{40}$$

$$\text{c) } \frac{11}{12} - \frac{11}{15} = \frac{55}{60} - \frac{44}{60} = \frac{11}{60}$$

$$\text{d) } \frac{17}{20} - \frac{13}{40} = \frac{34}{40} - \frac{13}{40} = \frac{21}{40}$$