

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{4}{9} - \frac{13}{36} =$

b) $\frac{2}{19} - \frac{3}{38} =$

c) $\frac{23}{35} - \frac{2}{7} =$

d) $\frac{5}{12} - \frac{1}{4} =$

② a) $\frac{4}{11} - \frac{10}{33} =$

b) $\frac{3}{4} - \frac{11}{20} =$

c) $\frac{3}{17} - \frac{5}{34} =$

d) $\frac{16}{21} - \frac{13}{42} =$

③ a) $\frac{25}{42} - \frac{3}{7} =$

b) $\frac{7}{20} - \frac{1}{5} =$

c) $\frac{15}{16} - \frac{21}{32} =$

d) $\frac{23}{36} - \frac{1}{4} =$

④ a) $\frac{9}{32} - \frac{3}{16} =$

b) $\frac{4}{5} - \frac{7}{15} =$

c) $\frac{4}{15} - \frac{11}{45} =$

d) $\frac{19}{36} - \frac{2}{9} =$

⑤ a) $\frac{13}{42} - \frac{3}{14} =$

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

c) $\frac{25}{44} - \frac{1}{2} =$

d) $\frac{1}{4} - \frac{5}{22} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{4}{9} - \frac{13}{36} = \frac{16}{36} - \frac{13}{36} = \frac{3}{36} = \frac{1}{12}$$

$$\text{b) } \frac{2}{19} - \frac{3}{38} = \frac{4}{38} - \frac{3}{38} = \frac{1}{38}$$

$$\text{c) } \frac{23}{35} - \frac{2}{7} = \frac{23}{35} - \frac{10}{35} = \frac{13}{35}$$

$$\text{d) } \frac{5}{12} - \frac{1}{4} = \frac{5}{12} - \frac{3}{12} = \frac{2}{12} = \frac{1}{6}$$

$$\textcircled{2} \quad \text{a) } \frac{4}{11} - \frac{10}{33} = \frac{12}{33} - \frac{10}{33} = \frac{2}{33}$$

$$\text{b) } \frac{3}{4} - \frac{11}{20} = \frac{15}{20} - \frac{11}{20} = \frac{4}{20} = \frac{1}{5}$$

$$\text{c) } \frac{3}{17} - \frac{5}{34} = \frac{6}{34} - \frac{5}{34} = \frac{1}{34}$$

$$\text{d) } \frac{16}{21} - \frac{13}{42} = \frac{32}{42} - \frac{13}{42} = \frac{19}{42}$$

$$\textcircled{3} \quad \text{a) } \frac{25}{42} - \frac{3}{7} = \frac{25}{42} - \frac{18}{42} = \frac{7}{42} = \frac{1}{6}$$

$$\text{b) } \frac{7}{20} - \frac{1}{5} = \frac{7}{20} - \frac{4}{20} = \frac{3}{20}$$

$$\text{c) } \frac{15}{16} - \frac{21}{32} = \frac{30}{32} - \frac{21}{32} = \frac{9}{32}$$

$$\text{d) } \frac{23}{36} - \frac{1}{4} = \frac{23}{36} - \frac{9}{36} = \frac{14}{36} = \frac{7}{18}$$

$$\textcircled{4} \quad \text{a) } \frac{9}{32} - \frac{3}{16} = \frac{9}{32} - \frac{6}{32} = \frac{3}{32}$$

$$\text{b) } \frac{4}{5} - \frac{7}{15} = \frac{12}{15} - \frac{7}{15} = \frac{5}{15} = \frac{1}{3}$$

$$\text{c) } \frac{4}{15} - \frac{11}{45} = \frac{12}{45} - \frac{11}{45} = \frac{1}{45}$$

$$\text{d) } \frac{19}{36} - \frac{2}{9} = \frac{19}{36} - \frac{8}{36} = \frac{11}{36}$$

$$\textcircled{5} \quad \text{a) } \frac{13}{42} - \frac{3}{14} = \frac{13}{42} - \frac{9}{42} = \frac{4}{42} = \frac{2}{21}$$

$$\text{b) } \frac{13}{20} - \frac{17}{40} = \frac{26}{40} - \frac{17}{40} = \frac{9}{40}$$

$$\text{c) } \frac{25}{44} - \frac{1}{2} = \frac{25}{44} - \frac{22}{44} = \frac{3}{44}$$

$$\text{d) } \frac{1}{4} - \frac{5}{22} = \frac{11}{44} - \frac{10}{44} = \frac{1}{44}$$