

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{9}{11} - \frac{13}{33} =$

b) $\frac{1}{2} - \frac{7}{30} =$

c) $\frac{23}{38} - \frac{7}{19} =$

d) $\frac{1}{4} - \frac{1}{10} =$

② a) $\frac{11}{12} - \frac{13}{20} =$

b) $\frac{19}{24} - \frac{11}{16} =$

c) $\frac{11}{12} - \frac{17}{24} =$

d) $\frac{17}{35} - \frac{2}{7} =$

③ a) $\frac{5}{6} - \frac{4}{7} =$

b) $\frac{13}{44} - \frac{1}{4} =$

c) $\frac{17}{18} - \frac{25}{27} =$

d) $\frac{19}{22} - \frac{5}{44} =$

④ a) $\frac{2}{15} - \frac{2}{45} =$

b) $\frac{4}{5} - \frac{23}{40} =$

c) $\frac{16}{21} - \frac{11}{42} =$

d) $\frac{11}{16} - \frac{7}{24} =$

⑤ a) $\frac{1}{2} - \frac{5}{16} =$

b) $\frac{25}{44} - \frac{1}{22} =$

c) $\frac{7}{13} - \frac{8}{39} =$

d) $\frac{8}{11} - \frac{9}{44} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{9}{11} - \frac{13}{33} = \frac{27}{33} - \frac{13}{33} = \frac{14}{33}$$

$$\text{b) } \frac{1}{2} - \frac{7}{30} = \frac{15}{30} - \frac{7}{30} = \frac{8}{30} = \frac{4}{15}$$

$$\text{c) } \frac{23}{38} - \frac{7}{19} = \frac{23}{38} - \frac{14}{38} = \frac{9}{38}$$

$$\text{d) } \frac{1}{4} - \frac{1}{10} = \frac{5}{20} - \frac{2}{20} = \frac{3}{20}$$

$$\textcircled{2} \quad \text{a) } \frac{11}{12} - \frac{13}{20} = \frac{55}{60} - \frac{39}{60} = \frac{16}{60} = \frac{4}{15}$$

$$\text{b) } \frac{19}{24} - \frac{11}{16} = \frac{38}{48} - \frac{33}{48} = \frac{5}{48}$$

$$\text{c) } \frac{11}{12} - \frac{17}{24} = \frac{22}{24} - \frac{17}{24} = \frac{5}{24}$$

$$\text{d) } \frac{17}{35} - \frac{2}{7} = \frac{17}{35} - \frac{10}{35} = \frac{7}{35} = \frac{1}{5}$$

$$\textcircled{3} \quad \text{a) } \frac{5}{6} - \frac{4}{7} = \frac{35}{42} - \frac{24}{42} = \frac{11}{42}$$

$$\text{b) } \frac{13}{44} - \frac{1}{4} = \frac{13}{44} - \frac{11}{44} = \frac{2}{44} = \frac{1}{22}$$

$$\text{c) } \frac{17}{18} - \frac{25}{27} = \frac{51}{54} - \frac{50}{54} = \frac{1}{54}$$

$$\text{d) } \frac{19}{22} - \frac{5}{44} = \frac{38}{44} - \frac{5}{44} = \frac{33}{44} = \frac{3}{4}$$

$$\textcircled{4} \quad \text{a) } \frac{2}{15} - \frac{2}{45} = \frac{6}{45} - \frac{2}{45} = \frac{4}{45}$$

$$\text{b) } \frac{4}{5} - \frac{23}{40} = \frac{32}{40} - \frac{23}{40} = \frac{9}{40}$$

$$\text{c) } \frac{16}{21} - \frac{11}{42} = \frac{32}{42} - \frac{11}{42} = \frac{21}{42} = \frac{1}{2}$$

$$\text{d) } \frac{11}{16} - \frac{7}{24} = \frac{33}{48} - \frac{14}{48} = \frac{19}{48}$$

$$\textcircled{5} \quad \text{a) } \frac{1}{2} - \frac{5}{16} = \frac{8}{16} - \frac{5}{16} = \frac{3}{16}$$

$$\text{b) } \frac{25}{44} - \frac{1}{22} = \frac{25}{44} - \frac{2}{44} = \frac{23}{44}$$

$$\text{c) } \frac{7}{13} - \frac{8}{39} = \frac{21}{39} - \frac{8}{39} = \frac{13}{39} = \frac{1}{3}$$

$$\text{d) } \frac{8}{11} - \frac{9}{44} = \frac{32}{44} - \frac{9}{44} = \frac{23}{44}$$