

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a)  $\frac{8}{13} - \frac{7}{39} =$

b)  $\frac{3}{5} - \frac{17}{45} =$

c)  $\frac{27}{34} - \frac{3}{17} =$

d)  $\frac{11}{14} - \frac{8}{21} =$

② a)  $\frac{19}{35} - \frac{1}{7} =$

b)  $\frac{9}{11} - \frac{29}{44} =$

c)  $\frac{2}{3} - \frac{5}{13} =$

d)  $\frac{11}{12} - \frac{7}{20} =$

③ a)  $\frac{7}{36} - \frac{1}{6} =$

b)  $\frac{5}{6} - \frac{17}{30} =$

c)  $\frac{4}{15} - \frac{3}{20} =$

d)  $\frac{3}{4} - \frac{3}{20} =$

④ a)  $\frac{12}{17} - \frac{23}{34} =$

b)  $\frac{26}{27} - \frac{13}{18} =$

c)  $\frac{17}{20} - \frac{1}{12} =$

d)  $\frac{6}{7} - \frac{24}{35} =$

⑤ a)  $\frac{19}{21} - \frac{1}{2} =$

b)  $\frac{15}{22} - \frac{9}{44} =$

c)  $\frac{21}{34} - \frac{2}{17} =$

d)  $\frac{23}{39} - \frac{4}{13} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{8}{13} - \frac{7}{39} = \frac{24}{39} - \frac{7}{39} = \frac{17}{39}$$

$$\text{b) } \frac{3}{5} - \frac{17}{45} = \frac{27}{45} - \frac{17}{45} = \frac{10}{45} = \frac{2}{9}$$

$$\text{c) } \frac{27}{34} - \frac{3}{17} = \frac{27}{34} - \frac{6}{34} = \frac{21}{34}$$

$$\text{d) } \frac{11}{14} - \frac{8}{21} = \frac{33}{42} - \frac{16}{42} = \frac{17}{42}$$

$$\textcircled{2} \quad \text{a) } \frac{19}{35} - \frac{1}{7} = \frac{19}{35} - \frac{5}{35} = \frac{14}{35} = \frac{2}{5}$$

$$\text{b) } \frac{9}{11} - \frac{29}{44} = \frac{36}{44} - \frac{29}{44} = \frac{7}{44}$$

$$\text{c) } \frac{2}{3} - \frac{5}{13} = \frac{26}{39} - \frac{15}{39} = \frac{11}{39}$$

$$\text{d) } \frac{11}{12} - \frac{7}{20} = \frac{55}{60} - \frac{21}{60} = \frac{34}{60} = \frac{17}{30}$$

$$\textcircled{3} \quad \text{a) } \frac{7}{36} - \frac{1}{6} = \frac{7}{36} - \frac{6}{36} = \frac{1}{36}$$

$$\text{b) } \frac{5}{6} - \frac{17}{30} = \frac{25}{30} - \frac{17}{30} = \frac{8}{30} = \frac{4}{15}$$

$$\text{c) } \frac{4}{15} - \frac{3}{20} = \frac{16}{60} - \frac{9}{60} = \frac{7}{60}$$

$$\text{d) } \frac{3}{4} - \frac{3}{20} = \frac{15}{20} - \frac{3}{20} = \frac{12}{20} = \frac{3}{5}$$

$$\textcircled{4} \quad \text{a) } \frac{12}{17} - \frac{23}{34} = \frac{24}{34} - \frac{23}{34} = \frac{1}{34}$$

$$\text{b) } \frac{26}{27} - \frac{13}{18} = \frac{52}{54} - \frac{39}{54} = \frac{13}{54}$$

$$\text{c) } \frac{17}{20} - \frac{1}{12} = \frac{51}{60} - \frac{5}{60} = \frac{46}{60} = \frac{23}{30}$$

$$\text{d) } \frac{6}{7} - \frac{24}{35} = \frac{30}{35} - \frac{24}{35} = \frac{6}{35}$$

$$\textcircled{5} \quad \text{a) } \frac{19}{21} - \frac{1}{2} = \frac{38}{42} - \frac{21}{42} = \frac{17}{42}$$

$$\text{b) } \frac{15}{22} - \frac{9}{44} = \frac{30}{44} - \frac{9}{44} = \frac{21}{44}$$

$$\text{c) } \frac{21}{34} - \frac{2}{17} = \frac{21}{34} - \frac{4}{34} = \frac{17}{34} = \frac{1}{2}$$

$$\text{d) } \frac{23}{39} - \frac{4}{13} = \frac{23}{39} - \frac{12}{39} = \frac{11}{39}$$