

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a)  $\frac{12}{19} - \frac{3}{38} =$

b)  $\frac{25}{39} - \frac{8}{13} =$

c)  $\frac{17}{24} - \frac{1}{8} =$

d)  $\frac{20}{27} - \frac{2}{3} =$

② a)  $\frac{8}{9} - \frac{17}{36} =$

b)  $\frac{9}{17} - \frac{11}{34} =$

c)  $\frac{7}{9} - \frac{19}{45} =$

d)  $\frac{5}{12} - \frac{11}{30} =$

③ a)  $\frac{19}{36} - \frac{1}{6} =$

b)  $\frac{27}{38} - \frac{6}{19} =$

c)  $\frac{5}{12} - \frac{5}{18} =$

d)  $\frac{5}{18} - \frac{1}{6} =$

④ a)  $\frac{9}{13} - \frac{7}{39} =$

b)  $\frac{17}{30} - \frac{2}{5} =$

c)  $\frac{1}{10} - \frac{3}{40} =$

d)  $\frac{7}{9} - \frac{11}{45} =$

⑤ a)  $\frac{17}{22} - \frac{1}{4} =$

b)  $\frac{3}{4} - \frac{15}{28} =$

c)  $\frac{25}{26} - \frac{11}{13} =$

d)  $\frac{27}{28} - \frac{4}{7} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{12}{19} - \frac{3}{38} = \frac{24}{38} - \frac{3}{38} = \frac{21}{38}$$

$$\text{b) } \frac{25}{39} - \frac{8}{13} = \frac{25}{39} - \frac{24}{39} = \frac{1}{39}$$

$$\text{c) } \frac{17}{24} - \frac{1}{8} = \frac{17}{24} - \frac{3}{24} = \frac{14}{24} = \frac{7}{12}$$

$$\text{d) } \frac{20}{27} - \frac{2}{3} = \frac{20}{27} - \frac{18}{27} = \frac{2}{27}$$

$$\textcircled{2} \quad \text{a) } \frac{8}{9} - \frac{17}{36} = \frac{32}{36} - \frac{17}{36} = \frac{15}{36} = \frac{5}{12}$$

$$\text{b) } \frac{9}{17} - \frac{11}{34} = \frac{18}{34} - \frac{11}{34} = \frac{7}{34}$$

$$\text{c) } \frac{7}{9} - \frac{19}{45} = \frac{35}{45} - \frac{19}{45} = \frac{16}{45}$$

$$\text{d) } \frac{5}{12} - \frac{11}{30} = \frac{25}{60} - \frac{22}{60} = \frac{3}{60} = \frac{1}{20}$$

$$\textcircled{3} \quad \text{a) } \frac{19}{36} - \frac{1}{6} = \frac{19}{36} - \frac{6}{36} = \frac{13}{36}$$

$$\text{b) } \frac{27}{38} - \frac{6}{19} = \frac{27}{38} - \frac{12}{38} = \frac{15}{38}$$

$$\text{c) } \frac{5}{12} - \frac{5}{18} = \frac{15}{36} - \frac{10}{36} = \frac{5}{36}$$

$$\text{d) } \frac{5}{18} - \frac{1}{6} = \frac{5}{18} - \frac{3}{18} = \frac{2}{18} = \frac{1}{9}$$

$$\textcircled{4} \quad \text{a) } \frac{9}{13} - \frac{7}{39} = \frac{27}{39} - \frac{7}{39} = \frac{20}{39}$$

$$\text{b) } \frac{17}{30} - \frac{2}{5} = \frac{17}{30} - \frac{12}{30} = \frac{5}{30} = \frac{1}{6}$$

$$\text{c) } \frac{1}{10} - \frac{3}{40} = \frac{4}{40} - \frac{3}{40} = \frac{1}{40}$$

$$\text{d) } \frac{7}{9} - \frac{11}{45} = \frac{35}{45} - \frac{11}{45} = \frac{24}{45} = \frac{8}{15}$$

$$\textcircled{5} \quad \text{a) } \frac{17}{22} - \frac{1}{4} = \frac{34}{44} - \frac{11}{44} = \frac{23}{44}$$

$$\text{b) } \frac{3}{4} - \frac{15}{28} = \frac{21}{28} - \frac{15}{28} = \frac{6}{28} = \frac{3}{14}$$

$$\text{c) } \frac{25}{26} - \frac{11}{13} = \frac{25}{26} - \frac{22}{26} = \frac{3}{26}$$

$$\text{d) } \frac{27}{28} - \frac{4}{7} = \frac{27}{28} - \frac{16}{28} = \frac{11}{28}$$