

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a)  $\frac{8}{9} - \frac{5}{36} =$

b)  $\frac{16}{19} - \frac{23}{38} =$

c)  $\frac{19}{21} - \frac{9}{14} =$

d)  $\frac{12}{13} - \frac{10}{39} =$

② a)  $\frac{9}{14} - \frac{1}{28} =$

b)  $\frac{5}{6} - \frac{25}{42} =$

c)  $\frac{29}{30} - \frac{3}{4} =$

d)  $\frac{12}{13} - \frac{7}{26} =$

③ a)  $\frac{20}{21} - \frac{2}{7} =$

b)  $\frac{10}{39} - \frac{2}{13} =$

c)  $\frac{5}{9} - \frac{13}{27} =$

d)  $\frac{11}{40} - \frac{3}{20} =$

④ a)  $\frac{14}{15} - \frac{11}{12} =$

b)  $\frac{17}{45} - \frac{1}{9} =$

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

d)  $\frac{4}{21} - \frac{1}{7} =$

⑤ a)  $\frac{3}{8} - \frac{13}{40} =$

b)  $\frac{19}{20} - \frac{9}{10} =$

c)  $\frac{8}{9} - \frac{5}{27} =$

d)  $\frac{7}{22} - \frac{7}{44} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{8}{9} - \frac{5}{36} = \frac{32}{36} - \frac{5}{36} = \frac{27}{36} = \frac{3}{4}$$

$$\text{b) } \frac{16}{19} - \frac{23}{38} = \frac{32}{38} - \frac{23}{38} = \frac{9}{38}$$

$$\text{c) } \frac{19}{21} - \frac{9}{14} = \frac{38}{42} - \frac{27}{42} = \frac{11}{42}$$

$$\text{d) } \frac{12}{13} - \frac{10}{39} = \frac{36}{39} - \frac{10}{39} = \frac{26}{39} = \frac{2}{3}$$

$$\textcircled{2} \quad \text{a) } \frac{9}{14} - \frac{1}{28} = \frac{18}{28} - \frac{1}{28} = \frac{17}{28}$$

$$\text{b) } \frac{5}{6} - \frac{25}{42} = \frac{35}{42} - \frac{25}{42} = \frac{10}{42} = \frac{5}{21}$$

$$\text{c) } \frac{29}{30} - \frac{3}{4} = \frac{58}{60} - \frac{45}{60} = \frac{13}{60}$$

$$\text{d) } \frac{12}{13} - \frac{7}{26} = \frac{24}{26} - \frac{7}{26} = \frac{17}{26}$$

$$\textcircled{3} \quad \text{a) } \frac{20}{21} - \frac{2}{7} = \frac{20}{21} - \frac{6}{21} = \frac{14}{21} = \frac{2}{3}$$

$$\text{b) } \frac{10}{39} - \frac{2}{13} = \frac{10}{39} - \frac{6}{39} = \frac{4}{39}$$

$$\text{c) } \frac{5}{9} - \frac{13}{27} = \frac{15}{27} - \frac{13}{27} = \frac{2}{27}$$

$$\text{d) } \frac{11}{40} - \frac{3}{20} = \frac{11}{40} - \frac{6}{40} = \frac{5}{40} = \frac{1}{8}$$

$$\textcircled{4} \quad \text{a) } \frac{14}{15} - \frac{11}{12} = \frac{56}{60} - \frac{55}{60} = \frac{1}{60}$$

$$\text{b) } \frac{17}{45} - \frac{1}{9} = \frac{17}{45} - \frac{5}{45} = \frac{12}{45} = \frac{4}{15}$$

$$\text{c) } \frac{13}{17} - \frac{15}{34} = \frac{26}{34} - \frac{15}{34} = \frac{11}{34}$$

$$\text{d) } \frac{4}{21} - \frac{1}{7} = \frac{4}{21} - \frac{3}{21} = \frac{1}{21}$$

$$\textcircled{5} \quad \text{a) } \frac{3}{8} - \frac{13}{40} = \frac{15}{40} - \frac{13}{40} = \frac{2}{40} = \frac{1}{20}$$

$$\text{b) } \frac{19}{20} - \frac{9}{10} = \frac{19}{20} - \frac{18}{20} = \frac{1}{20}$$

$$\text{c) } \frac{8}{9} - \frac{5}{27} = \frac{24}{27} - \frac{5}{27} = \frac{19}{27}$$

$$\text{d) } \frac{7}{22} - \frac{7}{44} = \frac{14}{44} - \frac{7}{44} = \frac{7}{44}$$