

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a)  $\frac{19}{44} - \frac{9}{22} =$

b)  $\frac{9}{11} - \frac{7}{22} =$

c)  $\frac{7}{26} - \frac{2}{13} =$

d)  $\frac{21}{40} - \frac{1}{2} =$

② a)  $\frac{22}{45} - \frac{4}{15} =$

b)  $\frac{1}{5} - \frac{6}{35} =$

c)  $\frac{12}{19} - \frac{21}{38} =$

d)  $\frac{19}{20} - \frac{3}{40} =$

③ a)  $\frac{19}{42} - \frac{4}{21} =$

b)  $\frac{25}{42} - \frac{11}{21} =$

c)  $\frac{5}{16} - \frac{7}{24} =$

d)  $\frac{21}{38} - \frac{1}{2} =$

④ a)  $\frac{15}{26} - \frac{1}{4} =$

b)  $\frac{27}{44} - \frac{3}{11} =$

c)  $\frac{7}{9} - \frac{17}{45} =$

d)  $\frac{3}{4} - \frac{19}{40} =$

⑤ a)  $\frac{9}{11} - \frac{13}{44} =$

b)  $\frac{5}{6} - \frac{10}{27} =$

c)  $\frac{5}{6} - \frac{23}{30} =$

d)  $\frac{13}{15} - \frac{16}{45} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{19}{44} - \frac{9}{22} = \frac{19}{44} - \frac{18}{44} = \frac{1}{44}$$

$$\text{b) } \frac{9}{11} - \frac{7}{22} = \frac{18}{22} - \frac{7}{22} = \frac{11}{22} = \frac{1}{2}$$

$$\text{c) } \frac{7}{26} - \frac{2}{13} = \frac{7}{26} - \frac{4}{26} = \frac{3}{26}$$

$$\text{d) } \frac{21}{40} - \frac{1}{2} = \frac{21}{40} - \frac{20}{40} = \frac{1}{40}$$

$$\textcircled{2} \quad \text{a) } \frac{22}{45} - \frac{4}{15} = \frac{22}{45} - \frac{12}{45} = \frac{10}{45} = \frac{2}{9}$$

$$\text{b) } \frac{1}{5} - \frac{6}{35} = \frac{7}{35} - \frac{6}{35} = \frac{1}{35}$$

$$\text{c) } \frac{12}{19} - \frac{21}{38} = \frac{24}{38} - \frac{21}{38} = \frac{3}{38}$$

$$\text{d) } \frac{19}{20} - \frac{3}{40} = \frac{38}{40} - \frac{3}{40} = \frac{35}{40} = \frac{7}{8}$$

$$\textcircled{3} \quad \text{a) } \frac{19}{42} - \frac{4}{21} = \frac{19}{42} - \frac{8}{42} = \frac{11}{42}$$

$$\text{b) } \frac{25}{42} - \frac{11}{21} = \frac{25}{42} - \frac{22}{42} = \frac{3}{42} = \frac{1}{14}$$

$$\text{c) } \frac{5}{16} - \frac{7}{24} = \frac{15}{48} - \frac{14}{48} = \frac{1}{48}$$

$$\text{d) } \frac{21}{38} - \frac{1}{2} = \frac{21}{38} - \frac{19}{38} = \frac{2}{38} = \frac{1}{19}$$

$$\textcircled{4} \quad \text{a) } \frac{15}{26} - \frac{1}{4} = \frac{30}{52} - \frac{13}{52} = \frac{17}{52}$$

$$\text{b) } \frac{27}{44} - \frac{3}{11} = \frac{27}{44} - \frac{12}{44} = \frac{15}{44}$$

$$\text{c) } \frac{7}{9} - \frac{17}{45} = \frac{35}{45} - \frac{17}{45} = \frac{18}{45} = \frac{2}{5}$$

$$\text{d) } \frac{3}{4} - \frac{19}{40} = \frac{30}{40} - \frac{19}{40} = \frac{11}{40}$$

$$\textcircled{5} \quad \text{a) } \frac{9}{11} - \frac{13}{44} = \frac{36}{44} - \frac{13}{44} = \frac{23}{44}$$

$$\text{b) } \frac{5}{6} - \frac{10}{27} = \frac{45}{54} - \frac{20}{54} = \frac{25}{54}$$

$$\text{c) } \frac{5}{6} - \frac{23}{30} = \frac{25}{30} - \frac{23}{30} = \frac{2}{30} = \frac{1}{15}$$

$$\text{d) } \frac{13}{15} - \frac{16}{45} = \frac{39}{45} - \frac{16}{45} = \frac{23}{45}$$