

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a)  $\frac{23}{42} - \frac{10}{21} =$

b)  $\frac{29}{40} - \frac{1}{2} =$

c)  $\frac{5}{6} - \frac{17}{36} =$

d)  $\frac{1}{6} - \frac{1}{14} =$

② a)  $\frac{2}{3} - \frac{2}{15} =$

b)  $\frac{7}{10} - \frac{13}{30} =$

c)  $\frac{9}{11} - \frac{19}{44} =$

d)  $\frac{21}{22} - \frac{6}{11} =$

③ a)  $\frac{4}{9} - \frac{7}{36} =$

b)  $\frac{15}{34} - \frac{4}{17} =$

c)  $\frac{12}{13} - \frac{15}{26} =$

d)  $\frac{17}{30} - \frac{4}{15} =$

④ a)  $\frac{6}{7} - \frac{22}{35} =$

b)  $\frac{16}{21} - \frac{25}{42} =$

c)  $\frac{13}{14} - \frac{19}{21} =$

d)  $\frac{7}{18} - \frac{8}{27} =$

⑤ a)  $\frac{5}{7} - \frac{11}{35} =$

b)  $\frac{1}{2} - \frac{11}{29} =$

c)  $\frac{17}{21} - \frac{17}{42} =$

d)  $\frac{3}{10} - \frac{1}{4} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{23}{42} - \frac{10}{21} = \frac{23}{42} - \frac{20}{42} = \frac{3}{42} = \frac{1}{14}$$

$$\text{b) } \frac{29}{40} - \frac{1}{2} = \frac{29}{40} - \frac{20}{40} = \frac{9}{40}$$

$$\text{c) } \frac{5}{6} - \frac{17}{36} = \frac{30}{36} - \frac{17}{36} = \frac{13}{36}$$

$$\text{d) } \frac{1}{6} - \frac{1}{14} = \frac{7}{42} - \frac{3}{42} = \frac{4}{42} = \frac{2}{21}$$

$$\textcircled{2} \quad \text{a) } \frac{2}{3} - \frac{2}{15} = \frac{10}{15} - \frac{2}{15} = \frac{8}{15}$$

$$\text{b) } \frac{7}{10} - \frac{13}{30} = \frac{21}{30} - \frac{13}{30} = \frac{8}{30} = \frac{4}{15}$$

$$\text{c) } \frac{9}{11} - \frac{19}{44} = \frac{36}{44} - \frac{19}{44} = \frac{17}{44}$$

$$\text{d) } \frac{21}{22} - \frac{6}{11} = \frac{21}{22} - \frac{12}{22} = \frac{9}{22}$$

$$\textcircled{3} \quad \text{a) } \frac{4}{9} - \frac{7}{36} = \frac{16}{36} - \frac{7}{36} = \frac{9}{36} = \frac{1}{4}$$

$$\text{b) } \frac{15}{34} - \frac{4}{17} = \frac{15}{34} - \frac{8}{34} = \frac{7}{34}$$

$$\text{c) } \frac{12}{13} - \frac{15}{26} = \frac{24}{26} - \frac{15}{26} = \frac{9}{26}$$

$$\text{d) } \frac{17}{30} - \frac{4}{15} = \frac{17}{30} - \frac{8}{30} = \frac{9}{30} = \frac{3}{10}$$

$$\textcircled{4} \quad \text{a) } \frac{6}{7} - \frac{22}{35} = \frac{30}{35} - \frac{22}{35} = \frac{8}{35}$$

$$\text{b) } \frac{16}{21} - \frac{25}{42} = \frac{32}{42} - \frac{25}{42} = \frac{7}{42} = \frac{1}{6}$$

$$\text{c) } \frac{13}{14} - \frac{19}{21} = \frac{39}{42} - \frac{38}{42} = \frac{1}{42}$$

$$\text{d) } \frac{7}{18} - \frac{8}{27} = \frac{21}{54} - \frac{16}{54} = \frac{5}{54}$$

$$\textcircled{5} \quad \text{a) } \frac{5}{7} - \frac{11}{35} = \frac{25}{35} - \frac{11}{35} = \frac{14}{35} = \frac{2}{5}$$

$$\text{b) } \frac{1}{2} - \frac{11}{29} = \frac{29}{58} - \frac{22}{58} = \frac{7}{58}$$

$$\text{c) } \frac{17}{21} - \frac{17}{42} = \frac{34}{42} - \frac{17}{42} = \frac{17}{42}$$

$$\text{d) } \frac{3}{10} - \frac{1}{4} = \frac{6}{20} - \frac{5}{20} = \frac{1}{20}$$