

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a)  $\frac{13}{18} - \frac{5}{36} =$

b)  $\frac{11}{18} - \frac{14}{27} =$

c)  $\frac{1}{2} - \frac{10}{29} =$

d)  $\frac{28}{33} - \frac{2}{3} =$

② a)  $\frac{13}{20} - \frac{19}{40} =$

b)  $\frac{4}{5} - \frac{8}{35} =$

c)  $\frac{26}{27} - \frac{2}{9} =$

d)  $\frac{21}{34} - \frac{5}{17} =$

③ a)  $\frac{10}{11} - \frac{9}{22} =$

b)  $\frac{23}{26} - \frac{6}{13} =$

c)  $\frac{1}{8} - \frac{1}{16} =$

d)  $\frac{1}{6} - \frac{1}{24} =$

④ a)  $\frac{3}{5} - \frac{9}{25} =$

b)  $\frac{14}{15} - \frac{7}{45} =$

c)  $\frac{2}{3} - \frac{22}{45} =$

d)  $\frac{28}{45} - \frac{7}{15} =$

⑤ a)  $\frac{11}{14} - \frac{11}{42} =$

b)  $\frac{17}{19} - \frac{23}{38} =$

c)  $\frac{5}{14} - \frac{5}{21} =$

d)  $\frac{21}{38} - \frac{6}{19} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{13}{18} - \frac{5}{36} = \frac{26}{36} - \frac{5}{36} = \frac{21}{36} = \frac{7}{12}$$

$$\text{b) } \frac{11}{18} - \frac{14}{27} = \frac{33}{54} - \frac{28}{54} = \frac{5}{54}$$

$$\text{c) } \frac{1}{2} - \frac{10}{29} = \frac{29}{58} - \frac{20}{58} = \frac{9}{58}$$

$$\text{d) } \frac{28}{33} - \frac{2}{3} = \frac{28}{33} - \frac{22}{33} = \frac{6}{33} = \frac{2}{11}$$

$$\textcircled{2} \quad \text{a) } \frac{13}{20} - \frac{19}{40} = \frac{26}{40} - \frac{19}{40} = \frac{7}{40}$$

$$\text{b) } \frac{4}{5} - \frac{8}{35} = \frac{28}{35} - \frac{8}{35} = \frac{20}{35} = \frac{4}{7}$$

$$\text{c) } \frac{26}{27} - \frac{2}{9} = \frac{26}{27} - \frac{6}{27} = \frac{20}{27}$$

$$\text{d) } \frac{21}{34} - \frac{5}{17} = \frac{21}{34} - \frac{10}{34} = \frac{11}{34}$$

$$\textcircled{3} \quad \text{a) } \frac{10}{11} - \frac{9}{22} = \frac{20}{22} - \frac{9}{22} = \frac{11}{22} = \frac{1}{2}$$

$$\text{b) } \frac{23}{26} - \frac{6}{13} = \frac{23}{26} - \frac{12}{26} = \frac{11}{26}$$

$$\text{c) } \frac{1}{8} - \frac{1}{16} = \frac{2}{16} - \frac{1}{16} = \frac{1}{16}$$

$$\text{d) } \frac{1}{6} - \frac{1}{24} = \frac{4}{24} - \frac{1}{24} = \frac{3}{24} = \frac{1}{8}$$

$$\textcircled{4} \quad \text{a) } \frac{3}{5} - \frac{9}{25} = \frac{15}{25} - \frac{9}{25} = \frac{6}{25}$$

$$\text{b) } \frac{14}{15} - \frac{7}{45} = \frac{42}{45} - \frac{7}{45} = \frac{35}{45} = \frac{7}{9}$$

$$\text{c) } \frac{2}{3} - \frac{22}{45} = \frac{30}{45} - \frac{22}{45} = \frac{8}{45}$$

$$\text{d) } \frac{28}{45} - \frac{7}{15} = \frac{28}{45} - \frac{21}{45} = \frac{7}{45}$$

$$\textcircled{5} \quad \text{a) } \frac{11}{14} - \frac{11}{42} = \frac{33}{42} - \frac{11}{42} = \frac{22}{42} = \frac{11}{21}$$

$$\text{b) } \frac{17}{19} - \frac{23}{38} = \frac{34}{38} - \frac{23}{38} = \frac{11}{38}$$

$$\text{c) } \frac{5}{14} - \frac{5}{21} = \frac{15}{42} - \frac{10}{42} = \frac{5}{42}$$

$$\text{d) } \frac{21}{38} - \frac{6}{19} = \frac{21}{38} - \frac{12}{38} = \frac{9}{38}$$