

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{1}{2} - \frac{13}{38} =$

b) $\frac{15}{17} - \frac{27}{34} =$

c) $\frac{3}{4} - \frac{9}{40} =$

d) $\frac{5}{6} - \frac{10}{21} =$

② a) $\frac{1}{3} - \frac{1}{42} =$

b) $\frac{26}{45} - \frac{7}{15} =$

c) $\frac{13}{17} - \frac{25}{34} =$

d) $\frac{10}{11} - \frac{7}{33} =$

③ a) $\frac{11}{36} - \frac{1}{18} =$

b) $\frac{8}{15} - \frac{22}{45} =$

c) $\frac{9}{26} - \frac{3}{13} =$

d) $\frac{23}{34} - \frac{3}{17} =$

④ a) $\frac{23}{27} - \frac{2}{9} =$

b) $\frac{4}{5} - \frac{16}{45} =$

c) $\frac{13}{38} - \frac{6}{19} =$

d) $\frac{7}{16} - \frac{1}{12} =$

⑤ a) $\frac{9}{14} - \frac{17}{42} =$

b) $\frac{2}{3} - \frac{5}{42} =$

c) $\frac{3}{5} - \frac{14}{25} =$

d) $\frac{17}{36} - \frac{4}{9} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{1}{2} - \frac{13}{38} = \frac{19}{38} - \frac{13}{38} = \frac{6}{38} = \frac{3}{19}$$

$$\text{b) } \frac{15}{17} - \frac{27}{34} = \frac{30}{34} - \frac{27}{34} = \frac{3}{34}$$

$$\text{c) } \frac{3}{4} - \frac{9}{40} = \frac{30}{40} - \frac{9}{40} = \frac{21}{40}$$

$$\text{d) } \frac{5}{6} - \frac{10}{21} = \frac{35}{42} - \frac{20}{42} = \frac{15}{42} = \frac{5}{14}$$

$$\textcircled{2} \quad \text{a) } \frac{1}{3} - \frac{1}{42} = \frac{14}{42} - \frac{1}{42} = \frac{13}{42}$$

$$\text{b) } \frac{26}{45} - \frac{7}{15} = \frac{26}{45} - \frac{21}{45} = \frac{5}{45} = \frac{1}{9}$$

$$\text{c) } \frac{13}{17} - \frac{25}{34} = \frac{26}{34} - \frac{25}{34} = \frac{1}{34}$$

$$\text{d) } \frac{10}{11} - \frac{7}{33} = \frac{30}{33} - \frac{7}{33} = \frac{23}{33}$$

$$\textcircled{3} \quad \text{a) } \frac{11}{36} - \frac{1}{18} = \frac{11}{36} - \frac{2}{36} = \frac{9}{36} = \frac{1}{4}$$

$$\text{b) } \frac{8}{15} - \frac{22}{45} = \frac{24}{45} - \frac{22}{45} = \frac{2}{45}$$

$$\text{c) } \frac{9}{26} - \frac{3}{13} = \frac{9}{26} - \frac{6}{26} = \frac{3}{26}$$

$$\text{d) } \frac{23}{34} - \frac{3}{17} = \frac{23}{34} - \frac{6}{34} = \frac{17}{34} = \frac{1}{2}$$

$$\textcircled{4} \quad \text{a) } \frac{23}{27} - \frac{2}{9} = \frac{23}{27} - \frac{6}{27} = \frac{17}{27}$$

$$\text{b) } \frac{4}{5} - \frac{16}{45} = \frac{36}{45} - \frac{16}{45} = \frac{20}{45} = \frac{4}{9}$$

$$\text{c) } \frac{13}{38} - \frac{6}{19} = \frac{13}{38} - \frac{12}{38} = \frac{1}{38}$$

$$\text{d) } \frac{7}{16} - \frac{1}{12} = \frac{21}{48} - \frac{4}{48} = \frac{17}{48}$$

$$\textcircled{5} \quad \text{a) } \frac{9}{14} - \frac{17}{42} = \frac{27}{42} - \frac{17}{42} = \frac{10}{42} = \frac{5}{21}$$

$$\text{b) } \frac{2}{3} - \frac{5}{42} = \frac{28}{42} - \frac{5}{42} = \frac{23}{42}$$

$$\text{c) } \frac{3}{5} - \frac{14}{25} = \frac{15}{25} - \frac{14}{25} = \frac{1}{25}$$

$$\text{d) } \frac{17}{36} - \frac{4}{9} = \frac{17}{36} - \frac{16}{36} = \frac{1}{36}$$