

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{27}{34} - \frac{6}{17} =$

b) $\frac{17}{42} - \frac{5}{21} =$

c) $\frac{4}{5} - \frac{13}{30} =$

d) $\frac{8}{15} - \frac{11}{30} =$

② a) $\frac{23}{26} - \frac{3}{4} =$

b) $\frac{25}{27} - \frac{1}{9} =$

c) $\frac{7}{16} - \frac{5}{32} =$

d) $\frac{11}{24} - \frac{1}{3} =$

③ a) $\frac{29}{34} - \frac{7}{17} =$

b) $\frac{15}{19} - \frac{17}{38} =$

c) $\frac{19}{35} - \frac{2}{5} =$

d) $\frac{14}{15} - \frac{19}{45} =$

④ a) $\frac{10}{11} - \frac{1}{5} =$

b) $\frac{4}{5} - \frac{3}{35} =$

c) $\frac{23}{24} - \frac{3}{16} =$

d) $\frac{13}{20} - \frac{13}{40} =$

⑤ a) $\frac{13}{20} - \frac{5}{12} =$

b) $\frac{1}{2} - \frac{6}{23} =$

c) $\frac{5}{8} - \frac{7}{12} =$

d) $\frac{7}{12} - \frac{13}{36} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{27}{34} - \frac{6}{17} = \frac{27}{34} - \frac{12}{34} = \frac{15}{34}$$

$$\text{b) } \frac{17}{42} - \frac{5}{21} = \frac{17}{42} - \frac{10}{42} = \frac{7}{42} = \frac{1}{6}$$

$$\text{c) } \frac{4}{5} - \frac{13}{30} = \frac{24}{30} - \frac{13}{30} = \frac{11}{30}$$

$$\text{d) } \frac{8}{15} - \frac{11}{30} = \frac{16}{30} - \frac{11}{30} = \frac{5}{30} = \frac{1}{6}$$

$$\textcircled{2} \quad \text{a) } \frac{23}{26} - \frac{3}{4} = \frac{46}{52} - \frac{39}{52} = \frac{7}{52}$$

$$\text{b) } \frac{25}{27} - \frac{1}{9} = \frac{25}{27} - \frac{3}{27} = \frac{22}{27}$$

$$\text{c) } \frac{7}{16} - \frac{5}{32} = \frac{14}{32} - \frac{5}{32} = \frac{9}{32}$$

$$\text{d) } \frac{11}{24} - \frac{1}{3} = \frac{11}{24} - \frac{8}{24} = \frac{3}{24} = \frac{1}{8}$$

$$\textcircled{3} \quad \text{a) } \frac{29}{34} - \frac{7}{17} = \frac{29}{34} - \frac{14}{34} = \frac{15}{34}$$

$$\text{b) } \frac{15}{19} - \frac{17}{38} = \frac{30}{38} - \frac{17}{38} = \frac{13}{38}$$

$$\text{c) } \frac{19}{35} - \frac{2}{5} = \frac{19}{35} - \frac{14}{35} = \frac{5}{35} = \frac{1}{7}$$

$$\text{d) } \frac{14}{15} - \frac{19}{45} = \frac{42}{45} - \frac{19}{45} = \frac{23}{45}$$

$$\textcircled{4} \quad \text{a) } \frac{10}{11} - \frac{1}{5} = \frac{50}{55} - \frac{11}{55} = \frac{39}{55}$$

$$\text{b) } \frac{4}{5} - \frac{3}{35} = \frac{28}{35} - \frac{3}{35} = \frac{25}{35} = \frac{5}{7}$$

$$\text{c) } \frac{23}{24} - \frac{3}{16} = \frac{46}{48} - \frac{9}{48} = \frac{37}{48}$$

$$\text{d) } \frac{13}{20} - \frac{13}{40} = \frac{26}{40} - \frac{13}{40} = \frac{13}{40}$$

$$\textcircled{5} \quad \text{a) } \frac{13}{20} - \frac{5}{12} = \frac{39}{60} - \frac{25}{60} = \frac{14}{60} = \frac{7}{30}$$

$$\text{b) } \frac{1}{2} - \frac{6}{23} = \frac{23}{46} - \frac{12}{46} = \frac{11}{46}$$

$$\text{c) } \frac{5}{8} - \frac{7}{12} = \frac{15}{24} - \frac{14}{24} = \frac{1}{24}$$

$$\text{d) } \frac{7}{12} - \frac{13}{36} = \frac{21}{36} - \frac{13}{36} = \frac{8}{36} = \frac{2}{9}$$