

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{14}{17} - \frac{19}{34} =$

b) $\frac{27}{44} - \frac{9}{22} =$

c) $\frac{17}{18} - \frac{5}{6} =$

d) $\frac{8}{9} - \frac{25}{36} =$

② a) $\frac{8}{15} - \frac{4}{45} =$

b) $\frac{11}{12} - \frac{7}{9} =$

c) $\frac{1}{4} - \frac{2}{15} =$

d) $\frac{13}{30} - \frac{2}{15} =$

③ a) $\frac{9}{11} - \frac{8}{33} =$

b) $\frac{16}{27} - \frac{1}{3} =$

c) $\frac{2}{3} - \frac{3}{13} =$

d) $\frac{9}{14} - \frac{1}{42} =$

④ a) $\frac{29}{34} - \frac{11}{17} =$

b) $\frac{19}{20} - \frac{7}{12} =$

c) $\frac{13}{42} - \frac{2}{7} =$

d) $\frac{25}{42} - \frac{3}{14} =$

⑤ a) $\frac{5}{12} - \frac{7}{18} =$

b) $\frac{8}{11} - \frac{13}{33} =$

c) $\frac{1}{10} - \frac{1}{40} =$

d) $\frac{7}{15} - \frac{3}{20} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{14}{17} - \frac{19}{34} = \frac{28}{34} - \frac{19}{34} = \frac{9}{34}$$

$$\text{b) } \frac{27}{44} - \frac{9}{22} = \frac{27}{44} - \frac{18}{44} = \frac{9}{44}$$

$$\text{c) } \frac{17}{18} - \frac{5}{6} = \frac{17}{18} - \frac{15}{18} = \frac{2}{18} = \frac{1}{9}$$

$$\text{d) } \frac{8}{9} - \frac{25}{36} = \frac{32}{36} - \frac{25}{36} = \frac{7}{36}$$

$$\textcircled{2} \quad \text{a) } \frac{8}{15} - \frac{4}{45} = \frac{24}{45} - \frac{4}{45} = \frac{20}{45} = \frac{4}{9}$$

$$\text{b) } \frac{11}{12} - \frac{7}{9} = \frac{33}{36} - \frac{28}{36} = \frac{5}{36}$$

$$\text{c) } \frac{1}{4} - \frac{2}{15} = \frac{15}{60} - \frac{8}{60} = \frac{7}{60}$$

$$\text{d) } \frac{13}{30} - \frac{2}{15} = \frac{13}{30} - \frac{4}{30} = \frac{9}{30} = \frac{3}{10}$$

$$\textcircled{3} \quad \text{a) } \frac{9}{11} - \frac{8}{33} = \frac{27}{33} - \frac{8}{33} = \frac{19}{33}$$

$$\text{b) } \frac{16}{27} - \frac{1}{3} = \frac{16}{27} - \frac{9}{27} = \frac{7}{27}$$

$$\text{c) } \frac{2}{3} - \frac{3}{13} = \frac{26}{39} - \frac{9}{39} = \frac{17}{39}$$

$$\text{d) } \frac{9}{14} - \frac{1}{42} = \frac{27}{42} - \frac{1}{42} = \frac{26}{42} = \frac{13}{21}$$

$$\textcircled{4} \quad \text{a) } \frac{29}{34} - \frac{11}{17} = \frac{29}{34} - \frac{22}{34} = \frac{7}{34}$$

$$\text{b) } \frac{19}{20} - \frac{7}{12} = \frac{57}{60} - \frac{35}{60} = \frac{22}{60} = \frac{11}{30}$$

$$\text{c) } \frac{13}{42} - \frac{2}{7} = \frac{13}{42} - \frac{12}{42} = \frac{1}{42}$$

$$\text{d) } \frac{25}{42} - \frac{3}{14} = \frac{25}{42} - \frac{9}{42} = \frac{16}{42} = \frac{8}{21}$$

$$\textcircled{5} \quad \text{a) } \frac{5}{12} - \frac{7}{18} = \frac{15}{36} - \frac{14}{36} = \frac{1}{36}$$

$$\text{b) } \frac{8}{11} - \frac{13}{33} = \frac{24}{33} - \frac{13}{33} = \frac{11}{33} = \frac{1}{3}$$

$$\text{c) } \frac{1}{10} - \frac{1}{40} = \frac{4}{40} - \frac{1}{40} = \frac{3}{40}$$

$$\text{d) } \frac{7}{15} - \frac{3}{20} = \frac{28}{60} - \frac{9}{60} = \frac{19}{60}$$