

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{2}{5} - \frac{2}{15} =$

b) $\frac{15}{16} - \frac{25}{32} =$

c) $\frac{7}{15} - \frac{11}{30} =$

d) $\frac{7}{11} - \frac{13}{44} =$

② a) $\frac{29}{44} - \frac{5}{11} =$

b) $\frac{25}{42} - \frac{1}{7} =$

c) $\frac{19}{30} - \frac{3}{10} =$

d) $\frac{19}{20} - \frac{11}{15} =$

③ a) $\frac{25}{44} - \frac{7}{22} =$

b) $\frac{9}{16} - \frac{3}{8} =$

c) $\frac{22}{45} - \frac{4}{9} =$

d) $\frac{16}{19} - \frac{21}{38} =$

④ a) $\frac{14}{15} - \frac{1}{3} =$

b) $\frac{27}{28} - \frac{1}{14} =$

c) $\frac{23}{30} - \frac{7}{20} =$

d) $\frac{21}{34} - \frac{7}{17} =$

⑤ a) $\frac{8}{17} - \frac{3}{34} =$

b) $\frac{11}{14} - \frac{13}{42} =$

c) $\frac{5}{7} - \frac{3}{14} =$

d) $\frac{9}{13} - \frac{8}{39} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{2}{5} - \frac{2}{15} = \frac{6}{15} - \frac{2}{15} = \frac{4}{15}$$

$$\text{b) } \frac{15}{16} - \frac{25}{32} = \frac{30}{32} - \frac{25}{32} = \frac{5}{32}$$

$$\text{c) } \frac{7}{15} - \frac{11}{30} = \frac{14}{30} - \frac{11}{30} = \frac{3}{30} = \frac{1}{10}$$

$$\text{d) } \frac{7}{11} - \frac{13}{44} = \frac{28}{44} - \frac{13}{44} = \frac{15}{44}$$

$$\textcircled{2} \quad \text{a) } \frac{29}{44} - \frac{5}{11} = \frac{29}{44} - \frac{20}{44} = \frac{9}{44}$$

$$\text{b) } \frac{25}{42} - \frac{1}{7} = \frac{25}{42} - \frac{6}{42} = \frac{19}{42}$$

$$\text{c) } \frac{19}{30} - \frac{3}{10} = \frac{19}{30} - \frac{9}{30} = \frac{10}{30} = \frac{1}{3}$$

$$\text{d) } \frac{19}{20} - \frac{11}{15} = \frac{57}{60} - \frac{44}{60} = \frac{13}{60}$$

$$\textcircled{3} \quad \text{a) } \frac{25}{44} - \frac{7}{22} = \frac{25}{44} - \frac{14}{44} = \frac{11}{44} = \frac{1}{4}$$

$$\text{b) } \frac{9}{16} - \frac{3}{8} = \frac{9}{16} - \frac{6}{16} = \frac{3}{16}$$

$$\text{c) } \frac{22}{45} - \frac{4}{9} = \frac{22}{45} - \frac{20}{45} = \frac{2}{45}$$

$$\text{d) } \frac{16}{19} - \frac{21}{38} = \frac{32}{38} - \frac{21}{38} = \frac{11}{38}$$

$$\textcircled{4} \quad \text{a) } \frac{14}{15} - \frac{1}{3} = \frac{14}{15} - \frac{5}{15} = \frac{9}{15} = \frac{3}{5}$$

$$\text{b) } \frac{27}{28} - \frac{1}{14} = \frac{27}{28} - \frac{2}{28} = \frac{25}{28}$$

$$\text{c) } \frac{23}{30} - \frac{7}{20} = \frac{46}{60} - \frac{21}{60} = \frac{25}{60} = \frac{5}{12}$$

$$\text{d) } \frac{21}{34} - \frac{7}{17} = \frac{21}{34} - \frac{14}{34} = \frac{7}{34}$$

$$\textcircled{5} \quad \text{a) } \frac{8}{17} - \frac{3}{34} = \frac{16}{34} - \frac{3}{34} = \frac{13}{34}$$

$$\text{b) } \frac{11}{14} - \frac{13}{42} = \frac{33}{42} - \frac{13}{42} = \frac{20}{42} = \frac{10}{21}$$

$$\text{c) } \frac{5}{7} - \frac{3}{14} = \frac{10}{14} - \frac{3}{14} = \frac{7}{14} = \frac{1}{2}$$

$$\text{d) } \frac{9}{13} - \frac{8}{39} = \frac{27}{39} - \frac{8}{39} = \frac{19}{39}$$