

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{20}{21} - \frac{13}{42} =$

b) $\frac{14}{15} - \frac{17}{30} =$

c) $\frac{7}{10} - \frac{7}{40} =$

d) $\frac{2}{7} - \frac{3}{35} =$

② a) $\frac{2}{3} - \frac{4}{45} =$

b) $\frac{8}{9} - \frac{28}{45} =$

c) $\frac{9}{11} - \frac{9}{22} =$

d) $\frac{21}{22} - \frac{25}{44} =$

③ a) $\frac{27}{40} - \frac{1}{20} =$

b) $\frac{25}{39} - \frac{1}{13} =$

c) $\frac{15}{16} - \frac{13}{32} =$

d) $\frac{5}{8} - \frac{23}{40} =$

④ a) $\frac{5}{6} - \frac{5}{16} =$

b) $\frac{25}{28} - \frac{9}{14} =$

c) $\frac{7}{13} - \frac{20}{39} =$

d) $\frac{29}{30} - \frac{3}{20} =$

⑤ a) $\frac{19}{20} - \frac{5}{12} =$

b) $\frac{13}{19} - \frac{9}{38} =$

c) $\frac{14}{27} - \frac{4}{9} =$

d) $\frac{1}{2} - \frac{1}{40} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{20}{21} - \frac{13}{42} = \frac{40}{42} - \frac{13}{42} = \frac{27}{42} = \frac{9}{14}$$

$$\text{b) } \frac{14}{15} - \frac{17}{30} = \frac{28}{30} - \frac{17}{30} = \frac{11}{30}$$

$$\text{c) } \frac{7}{10} - \frac{7}{40} = \frac{28}{40} - \frac{7}{40} = \frac{21}{40}$$

$$\text{d) } \frac{2}{7} - \frac{3}{35} = \frac{10}{35} - \frac{3}{35} = \frac{7}{35} = \frac{1}{5}$$

$$\textcircled{2} \quad \text{a) } \frac{2}{3} - \frac{4}{45} = \frac{30}{45} - \frac{4}{45} = \frac{26}{45}$$

$$\text{b) } \frac{8}{9} - \frac{28}{45} = \frac{40}{45} - \frac{28}{45} = \frac{12}{45} = \frac{4}{15}$$

$$\text{c) } \frac{9}{11} - \frac{9}{22} = \frac{18}{22} - \frac{9}{22} = \frac{9}{22}$$

$$\text{d) } \frac{21}{22} - \frac{25}{44} = \frac{42}{44} - \frac{25}{44} = \frac{17}{44}$$

$$\textcircled{3} \quad \text{a) } \frac{27}{40} - \frac{1}{20} = \frac{27}{40} - \frac{2}{40} = \frac{25}{40} = \frac{5}{8}$$

$$\text{b) } \frac{25}{39} - \frac{1}{13} = \frac{25}{39} - \frac{3}{39} = \frac{22}{39}$$

$$\text{c) } \frac{15}{16} - \frac{13}{32} = \frac{30}{32} - \frac{13}{32} = \frac{17}{32}$$

$$\text{d) } \frac{5}{8} - \frac{23}{40} = \frac{25}{40} - \frac{23}{40} = \frac{2}{40} = \frac{1}{20}$$

$$\textcircled{4} \quad \text{a) } \frac{5}{6} - \frac{5}{16} = \frac{40}{48} - \frac{15}{48} = \frac{25}{48}$$

$$\text{b) } \frac{25}{28} - \frac{9}{14} = \frac{25}{28} - \frac{18}{28} = \frac{7}{28} = \frac{1}{4}$$

$$\text{c) } \frac{7}{13} - \frac{20}{39} = \frac{21}{39} - \frac{20}{39} = \frac{1}{39}$$

$$\text{d) } \frac{29}{30} - \frac{3}{20} = \frac{58}{60} - \frac{9}{60} = \frac{49}{60}$$

$$\textcircled{5} \quad \text{a) } \frac{19}{20} - \frac{5}{12} = \frac{57}{60} - \frac{25}{60} = \frac{32}{60} = \frac{8}{15}$$

$$\text{b) } \frac{13}{19} - \frac{9}{38} = \frac{26}{38} - \frac{9}{38} = \frac{17}{38}$$

$$\text{c) } \frac{14}{27} - \frac{4}{9} = \frac{14}{27} - \frac{12}{27} = \frac{2}{27}$$

$$\text{d) } \frac{1}{2} - \frac{1}{40} = \frac{20}{40} - \frac{1}{40} = \frac{19}{40}$$