

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{17}{38} - \frac{3}{19} =$

b) $\frac{29}{30} - \frac{4}{15} =$

c) $\frac{15}{44} - \frac{2}{11} =$

d) $\frac{11}{20} - \frac{3}{10} =$

② a) $\frac{5}{11} - \frac{10}{33} =$

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

c) $\frac{21}{32} - \frac{5}{8} =$

d) $\frac{5}{6} - \frac{9}{14} =$

③ a) $\frac{14}{27} - \frac{7}{18} =$

b) $\frac{13}{19} - \frac{23}{38} =$

c) $\frac{7}{9} - \frac{29}{45} =$

d) $\frac{29}{45} - \frac{2}{9} =$

④ a) $\frac{20}{21} - \frac{13}{14} =$

b) $\frac{2}{3} - \frac{1}{6} =$

c) $\frac{7}{10} - \frac{27}{40} =$

d) $\frac{6}{13} - \frac{16}{39} =$

⑤ a) $\frac{8}{21} - \frac{13}{42} =$

b) $\frac{19}{20} - \frac{4}{5} =$

c) $\frac{2}{9} - \frac{2}{27} =$

d) $\frac{13}{30} - \frac{7}{20} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{17}{38} - \frac{3}{19} = \frac{17}{38} - \frac{6}{38} = \frac{11}{38}$$

$$\text{b) } \frac{29}{30} - \frac{4}{15} = \frac{29}{30} - \frac{8}{30} = \frac{21}{30} = \frac{7}{10}$$

$$\text{c) } \frac{15}{44} - \frac{2}{11} = \frac{15}{44} - \frac{8}{44} = \frac{7}{44}$$

$$\text{d) } \frac{11}{20} - \frac{3}{10} = \frac{11}{20} - \frac{6}{20} = \frac{5}{20} = \frac{1}{4}$$

$$\textcircled{2} \quad \text{a) } \frac{5}{11} - \frac{10}{33} = \frac{15}{33} - \frac{10}{33} = \frac{5}{33}$$

$$\text{b) } \frac{25}{28} - \frac{1}{14} = \frac{25}{28} - \frac{2}{28} = \frac{23}{28}$$

$$\text{c) } \frac{21}{32} - \frac{5}{8} = \frac{21}{32} - \frac{20}{32} = \frac{1}{32}$$

$$\text{d) } \frac{5}{6} - \frac{9}{14} = \frac{35}{42} - \frac{27}{42} = \frac{8}{42} = \frac{4}{21}$$

$$\textcircled{3} \quad \text{a) } \frac{14}{27} - \frac{7}{18} = \frac{28}{54} - \frac{21}{54} = \frac{7}{54}$$

$$\text{b) } \frac{13}{19} - \frac{23}{38} = \frac{26}{38} - \frac{23}{38} = \frac{3}{38}$$

$$\text{c) } \frac{7}{9} - \frac{29}{45} = \frac{35}{45} - \frac{29}{45} = \frac{6}{45} = \frac{2}{15}$$

$$\text{d) } \frac{29}{45} - \frac{2}{9} = \frac{29}{45} - \frac{10}{45} = \frac{19}{45}$$

$$\textcircled{4} \quad \text{a) } \frac{20}{21} - \frac{13}{14} = \frac{40}{42} - \frac{39}{42} = \frac{1}{42}$$

$$\text{b) } \frac{2}{3} - \frac{1}{6} = \frac{4}{6} - \frac{1}{6} = \frac{3}{6} = \frac{1}{2}$$

$$\text{c) } \frac{7}{10} - \frac{27}{40} = \frac{28}{40} - \frac{27}{40} = \frac{1}{40}$$

$$\text{d) } \frac{6}{13} - \frac{16}{39} = \frac{18}{39} - \frac{16}{39} = \frac{2}{39}$$

$$\textcircled{5} \quad \text{a) } \frac{8}{21} - \frac{13}{42} = \frac{16}{42} - \frac{13}{42} = \frac{3}{42} = \frac{1}{14}$$

$$\text{b) } \frac{19}{20} - \frac{4}{5} = \frac{19}{20} - \frac{16}{20} = \frac{3}{20}$$

$$\text{c) } \frac{2}{9} - \frac{2}{27} = \frac{6}{27} - \frac{2}{27} = \frac{4}{27}$$

$$\text{d) } \frac{13}{30} - \frac{7}{20} = \frac{26}{60} - \frac{21}{60} = \frac{5}{60} = \frac{1}{12}$$