

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{23}{38} - \frac{2}{19} =$

b) $\frac{11}{12} - \frac{5}{16} =$

c) $\frac{13}{27} - \frac{1}{3} =$

d) $\frac{28}{45} - \frac{2}{15} =$

② a) $\frac{9}{14} - \frac{5}{42} =$

b) $\frac{4}{7} - \frac{4}{35} =$

c) $\frac{19}{20} - \frac{3}{4} =$

d) $\frac{7}{10} - \frac{7}{20} =$

③ a) $\frac{11}{13} - \frac{15}{26} =$

b) $\frac{17}{18} - \frac{4}{9} =$

c) $\frac{6}{11} - \frac{5}{22} =$

d) $\frac{17}{30} - \frac{1}{4} =$

④ a) $\frac{3}{7} - \frac{2}{21} =$

b) $\frac{16}{21} - \frac{2}{3} =$

c) $\frac{12}{25} - \frac{3}{10} =$

d) $\frac{1}{2} - \frac{1}{22} =$

⑤ a) $\frac{9}{10} - \frac{27}{40} =$

b) $\frac{13}{15} - \frac{23}{45} =$

c) $\frac{22}{27} - \frac{1}{18} =$

d) $\frac{5}{8} - \frac{21}{40} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{23}{38} - \frac{2}{19} = \frac{23}{38} - \frac{4}{38} = \frac{19}{38} = \frac{1}{2}$$

$$\text{b) } \frac{11}{12} - \frac{5}{16} = \frac{44}{48} - \frac{15}{48} = \frac{29}{48}$$

$$\text{c) } \frac{13}{27} - \frac{1}{3} = \frac{13}{27} - \frac{9}{27} = \frac{4}{27}$$

$$\text{d) } \frac{28}{45} - \frac{2}{15} = \frac{28}{45} - \frac{6}{45} = \frac{22}{45}$$

$$\textcircled{2} \quad \text{a) } \frac{9}{14} - \frac{5}{42} = \frac{27}{42} - \frac{5}{42} = \frac{22}{42} = \frac{11}{21}$$

$$\text{b) } \frac{4}{7} - \frac{4}{35} = \frac{20}{35} - \frac{4}{35} = \frac{16}{35}$$

$$\text{c) } \frac{19}{20} - \frac{3}{4} = \frac{19}{20} - \frac{15}{20} = \frac{4}{20} = \frac{1}{5}$$

$$\text{d) } \frac{7}{10} - \frac{7}{20} = \frac{14}{20} - \frac{7}{20} = \frac{7}{20}$$

$$\textcircled{3} \quad \text{a) } \frac{11}{13} - \frac{15}{26} = \frac{22}{26} - \frac{15}{26} = \frac{7}{26}$$

$$\text{b) } \frac{17}{18} - \frac{4}{9} = \frac{17}{18} - \frac{8}{18} = \frac{9}{18} = \frac{1}{2}$$

$$\text{c) } \frac{6}{11} - \frac{5}{22} = \frac{12}{22} - \frac{5}{22} = \frac{7}{22}$$

$$\text{d) } \frac{17}{30} - \frac{1}{4} = \frac{34}{60} - \frac{15}{60} = \frac{19}{60}$$

$$\textcircled{4} \quad \text{a) } \frac{3}{7} - \frac{2}{21} = \frac{9}{21} - \frac{2}{21} = \frac{7}{21} = \frac{1}{3}$$

$$\text{b) } \frac{16}{21} - \frac{2}{3} = \frac{16}{21} - \frac{14}{21} = \frac{2}{21}$$

$$\text{c) } \frac{12}{25} - \frac{3}{10} = \frac{24}{50} - \frac{15}{50} = \frac{9}{50}$$

$$\text{d) } \frac{1}{2} - \frac{1}{22} = \frac{11}{22} - \frac{1}{22} = \frac{10}{22} = \frac{5}{11}$$

$$\textcircled{5} \quad \text{a) } \frac{9}{10} - \frac{27}{40} = \frac{36}{40} - \frac{27}{40} = \frac{9}{40}$$

$$\text{b) } \frac{13}{15} - \frac{23}{45} = \frac{39}{45} - \frac{23}{45} = \frac{16}{45}$$

$$\text{c) } \frac{22}{27} - \frac{1}{18} = \frac{44}{54} - \frac{3}{54} = \frac{41}{54}$$

$$\text{d) } \frac{5}{8} - \frac{21}{40} = \frac{25}{40} - \frac{21}{40} = \frac{4}{40} = \frac{1}{10}$$