

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{23}{24} - \frac{11}{16} =$

b) $\frac{11}{13} - \frac{20}{39} =$

c) $\frac{1}{7} - \frac{3}{28} =$

d) $\frac{5}{6} - \frac{3}{14} =$

② a) $\frac{29}{34} - \frac{1}{17} =$

b) $\frac{13}{14} - \frac{10}{21} =$

c) $\frac{12}{13} - \frac{28}{39} =$

d) $\frac{27}{34} - \frac{5}{17} =$

③ a) $\frac{19}{27} - \frac{7}{18} =$

b) $\frac{6}{7} - \frac{23}{28} =$

c) $\frac{17}{20} - \frac{29}{40} =$

d) $\frac{9}{10} - \frac{8}{25} =$

④ a) $\frac{29}{38} - \frac{12}{19} =$

b) $\frac{13}{21} - \frac{11}{42} =$

c) $\frac{17}{24} - \frac{5}{16} =$

d) $\frac{14}{15} - \frac{9}{20} =$

⑤ a) $\frac{14}{15} - \frac{22}{45} =$

b) $\frac{8}{9} - \frac{2}{15} =$

c) $\frac{16}{19} - \frac{1}{3} =$

d) $\frac{25}{38} - \frac{3}{19} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{23}{24} - \frac{11}{16} = \frac{46}{48} - \frac{33}{48} = \frac{13}{48}$$

$$\text{b) } \frac{11}{13} - \frac{20}{39} = \frac{33}{39} - \frac{20}{39} = \frac{13}{39} = \frac{1}{3}$$

$$\text{c) } \frac{1}{7} - \frac{3}{28} = \frac{4}{28} - \frac{3}{28} = \frac{1}{28}$$

$$\text{d) } \frac{5}{6} - \frac{3}{14} = \frac{35}{42} - \frac{9}{42} = \frac{26}{42} = \frac{13}{21}$$

$$\textcircled{2} \quad \text{a) } \frac{29}{34} - \frac{1}{17} = \frac{29}{34} - \frac{2}{34} = \frac{27}{34}$$

$$\text{b) } \frac{13}{14} - \frac{10}{21} = \frac{39}{42} - \frac{20}{42} = \frac{19}{42}$$

$$\text{c) } \frac{12}{13} - \frac{28}{39} = \frac{36}{39} - \frac{28}{39} = \frac{8}{39}$$

$$\text{d) } \frac{27}{34} - \frac{5}{17} = \frac{27}{34} - \frac{10}{34} = \frac{17}{34} = \frac{1}{2}$$

$$\textcircled{3} \quad \text{a) } \frac{19}{27} - \frac{7}{18} = \frac{38}{54} - \frac{21}{54} = \frac{17}{54}$$

$$\text{b) } \frac{6}{7} - \frac{23}{28} = \frac{24}{28} - \frac{23}{28} = \frac{1}{28}$$

$$\text{c) } \frac{17}{20} - \frac{29}{40} = \frac{34}{40} - \frac{29}{40} = \frac{5}{40} = \frac{1}{8}$$

$$\text{d) } \frac{9}{10} - \frac{8}{25} = \frac{45}{50} - \frac{16}{50} = \frac{29}{50}$$

$$\textcircled{4} \quad \text{a) } \frac{29}{38} - \frac{12}{19} = \frac{29}{38} - \frac{24}{38} = \frac{5}{38}$$

$$\text{b) } \frac{13}{21} - \frac{11}{42} = \frac{26}{42} - \frac{11}{42} = \frac{15}{42} = \frac{5}{14}$$

$$\text{c) } \frac{17}{24} - \frac{5}{16} = \frac{34}{48} - \frac{15}{48} = \frac{19}{48}$$

$$\text{d) } \frac{14}{15} - \frac{9}{20} = \frac{56}{60} - \frac{27}{60} = \frac{29}{60}$$

$$\textcircled{5} \quad \text{a) } \frac{14}{15} - \frac{22}{45} = \frac{42}{45} - \frac{22}{45} = \frac{20}{45} = \frac{4}{9}$$

$$\text{b) } \frac{8}{9} - \frac{2}{15} = \frac{40}{45} - \frac{6}{45} = \frac{34}{45}$$

$$\text{c) } \frac{16}{19} - \frac{1}{3} = \frac{48}{57} - \frac{19}{57} = \frac{29}{57}$$

$$\text{d) } \frac{25}{38} - \frac{3}{19} = \frac{25}{38} - \frac{6}{38} = \frac{19}{38} = \frac{1}{2}$$