

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{16}{19} - \frac{27}{38} =$

b) $\frac{3}{4} - \frac{17}{36} =$

c) $\frac{7}{17} - \frac{9}{34} =$

d) $\frac{12}{13} - \frac{2}{3} =$

② a) $\frac{27}{28} - \frac{1}{4} =$

b) $\frac{5}{6} - \frac{1}{15} =$

c) $\frac{3}{4} - \frac{13}{30} =$

d) $\frac{11}{12} - \frac{11}{20} =$

③ a) $\frac{25}{27} - \frac{11}{18} =$

b) $\frac{23}{30} - \frac{4}{15} =$

c) $\frac{10}{11} - \frac{19}{22} =$

d) $\frac{13}{15} - \frac{14}{45} =$

④ a) $\frac{23}{38} - \frac{5}{19} =$

b) $\frac{9}{14} - \frac{8}{21} =$

c) $\frac{7}{10} - \frac{13}{40} =$

d) $\frac{26}{45} - \frac{1}{5} =$

⑤ a) $\frac{27}{32} - \frac{3}{16} =$

b) $\frac{7}{16} - \frac{7}{32} =$

c) $\frac{17}{22} - \frac{23}{44} =$

d) $\frac{25}{34} - \frac{10}{17} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{16}{19} - \frac{27}{38} = \frac{32}{38} - \frac{27}{38} = \frac{5}{38}$$

$$\text{b) } \frac{3}{4} - \frac{17}{36} = \frac{27}{36} - \frac{17}{36} = \frac{10}{36} = \frac{5}{18}$$

$$\text{c) } \frac{7}{17} - \frac{9}{34} = \frac{14}{34} - \frac{9}{34} = \frac{5}{34}$$

$$\text{d) } \frac{12}{13} - \frac{2}{3} = \frac{36}{39} - \frac{26}{39} = \frac{10}{39}$$

$$\textcircled{2} \quad \text{a) } \frac{27}{28} - \frac{1}{4} = \frac{27}{28} - \frac{7}{28} = \frac{20}{28} = \frac{5}{7}$$

$$\text{b) } \frac{5}{6} - \frac{1}{15} = \frac{25}{30} - \frac{2}{30} = \frac{23}{30}$$

$$\text{c) } \frac{3}{4} - \frac{13}{30} = \frac{45}{60} - \frac{26}{60} = \frac{19}{60}$$

$$\text{d) } \frac{11}{12} - \frac{11}{20} = \frac{55}{60} - \frac{33}{60} = \frac{22}{60} = \frac{11}{30}$$

$$\textcircled{3} \quad \text{a) } \frac{25}{27} - \frac{11}{18} = \frac{50}{54} - \frac{33}{54} = \frac{17}{54}$$

$$\text{b) } \frac{23}{30} - \frac{4}{15} = \frac{23}{30} - \frac{8}{30} = \frac{15}{30} = \frac{1}{2}$$

$$\text{c) } \frac{10}{11} - \frac{19}{22} = \frac{20}{22} - \frac{19}{22} = \frac{1}{22}$$

$$\text{d) } \frac{13}{15} - \frac{14}{45} = \frac{39}{45} - \frac{14}{45} = \frac{25}{45} = \frac{5}{9}$$

$$\textcircled{4} \quad \text{a) } \frac{23}{38} - \frac{5}{19} = \frac{23}{38} - \frac{10}{38} = \frac{13}{38}$$

$$\text{b) } \frac{9}{14} - \frac{8}{21} = \frac{27}{42} - \frac{16}{42} = \frac{11}{42}$$

$$\text{c) } \frac{7}{10} - \frac{13}{40} = \frac{28}{40} - \frac{13}{40} = \frac{15}{40} = \frac{3}{8}$$

$$\text{d) } \frac{26}{45} - \frac{1}{5} = \frac{26}{45} - \frac{9}{45} = \frac{17}{45}$$

$$\textcircled{5} \quad \text{a) } \frac{27}{32} - \frac{3}{16} = \frac{27}{32} - \frac{6}{32} = \frac{21}{32}$$

$$\text{b) } \frac{7}{16} - \frac{7}{32} = \frac{14}{32} - \frac{7}{32} = \frac{7}{32}$$

$$\text{c) } \frac{17}{22} - \frac{23}{44} = \frac{34}{44} - \frac{23}{44} = \frac{11}{44} = \frac{1}{4}$$

$$\text{d) } \frac{25}{34} - \frac{10}{17} = \frac{25}{34} - \frac{20}{34} = \frac{5}{34}$$