

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{13}{21} - \frac{1}{14} =$

b) $\frac{17}{20} - \frac{27}{40} =$

c) $\frac{19}{36} - \frac{1}{12} =$

d) $\frac{18}{19} - \frac{29}{38} =$

② a) $\frac{5}{7} - \frac{1}{3} =$

b) $\frac{8}{19} - \frac{3}{38} =$

c) $\frac{1}{2} - \frac{3}{38} =$

d) $\frac{23}{27} - \frac{11}{18} =$

③ a) $\frac{5}{8} - \frac{11}{24} =$

b) $\frac{11}{17} - \frac{19}{34} =$

c) $\frac{1}{9} - \frac{2}{27} =$

d) $\frac{13}{25} - \frac{1}{5} =$

④ a) $\frac{3}{10} - \frac{2}{15} =$

b) $\frac{3}{4} - \frac{9}{16} =$

c) $\frac{4}{5} - \frac{23}{35} =$

d) $\frac{8}{15} - \frac{8}{45} =$

⑤ a) $\frac{9}{17} - \frac{5}{34} =$

b) $\frac{25}{36} - \frac{5}{12} =$

c) $\frac{19}{22} - \frac{27}{44} =$

d) $\frac{25}{42} - \frac{4}{21} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{13}{21} - \frac{1}{14} = \frac{26}{42} - \frac{3}{42} = \frac{23}{42}$$

$$\text{b) } \frac{17}{20} - \frac{27}{40} = \frac{34}{40} - \frac{27}{40} = \frac{7}{40}$$

$$\text{c) } \frac{19}{36} - \frac{1}{12} = \frac{19}{36} - \frac{3}{36} = \frac{16}{36} = \frac{4}{9}$$

$$\text{d) } \frac{18}{19} - \frac{29}{38} = \frac{36}{38} - \frac{29}{38} = \frac{7}{38}$$

$$\textcircled{2} \quad \text{a) } \frac{5}{7} - \frac{1}{3} = \frac{15}{21} - \frac{7}{21} = \frac{8}{21}$$

$$\text{b) } \frac{8}{19} - \frac{3}{38} = \frac{16}{38} - \frac{3}{38} = \frac{13}{38}$$

$$\text{c) } \frac{1}{2} - \frac{3}{38} = \frac{19}{38} - \frac{3}{38} = \frac{16}{38} = \frac{8}{19}$$

$$\text{d) } \frac{23}{27} - \frac{11}{18} = \frac{46}{54} - \frac{33}{54} = \frac{13}{54}$$

$$\textcircled{3} \quad \text{a) } \frac{5}{8} - \frac{11}{24} = \frac{15}{24} - \frac{11}{24} = \frac{4}{24} = \frac{1}{6}$$

$$\text{b) } \frac{11}{17} - \frac{19}{34} = \frac{22}{34} - \frac{19}{34} = \frac{3}{34}$$

$$\text{c) } \frac{1}{9} - \frac{2}{27} = \frac{3}{27} - \frac{2}{27} = \frac{1}{27}$$

$$\text{d) } \frac{13}{25} - \frac{1}{5} = \frac{13}{25} - \frac{5}{25} = \frac{8}{25}$$

$$\textcircled{4} \quad \text{a) } \frac{3}{10} - \frac{2}{15} = \frac{9}{30} - \frac{4}{30} = \frac{5}{30} = \frac{1}{6}$$

$$\text{b) } \frac{3}{4} - \frac{9}{16} = \frac{12}{16} - \frac{9}{16} = \frac{3}{16}$$

$$\text{c) } \frac{4}{5} - \frac{23}{35} = \frac{28}{35} - \frac{23}{35} = \frac{5}{35} = \frac{1}{7}$$

$$\text{d) } \frac{8}{15} - \frac{8}{45} = \frac{24}{45} - \frac{8}{45} = \frac{16}{45}$$

$$\textcircled{5} \quad \text{a) } \frac{9}{17} - \frac{5}{34} = \frac{18}{34} - \frac{5}{34} = \frac{13}{34}$$

$$\text{b) } \frac{25}{36} - \frac{5}{12} = \frac{25}{36} - \frac{15}{36} = \frac{10}{36} = \frac{5}{18}$$

$$\text{c) } \frac{19}{22} - \frac{27}{44} = \frac{38}{44} - \frac{27}{44} = \frac{11}{44} = \frac{1}{4}$$

$$\text{d) } \frac{25}{42} - \frac{4}{21} = \frac{25}{42} - \frac{8}{42} = \frac{17}{42}$$