

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{10}{11} - \frac{7}{44} =$

b) $\frac{11}{16} - \frac{19}{32} =$

c) $\frac{7}{18} - \frac{5}{27} =$

d) $\frac{5}{12} - \frac{2}{5} =$

② a) $\frac{29}{42} - \frac{9}{14} =$

b) $\frac{9}{20} - \frac{9}{40} =$

c) $\frac{5}{8} - \frac{13}{40} =$

d) $\frac{6}{17} - \frac{11}{34} =$

③ a) $\frac{29}{32} - \frac{3}{8} =$

b) $\frac{13}{30} - \frac{4}{15} =$

c) $\frac{7}{12} - \frac{1}{16} =$

d) $\frac{10}{11} - \frac{23}{33} =$

④ a) $\frac{1}{2} - \frac{1}{34} =$

b) $\frac{4}{5} - \frac{19}{35} =$

c) $\frac{25}{26} - \frac{9}{13} =$

d) $\frac{11}{14} - \frac{5}{42} =$

⑤ a) $\frac{15}{16} - \frac{11}{24} =$

b) $\frac{19}{24} - \frac{1}{4} =$

c) $\frac{17}{21} - \frac{5}{42} =$

d) $\frac{19}{42} - \frac{8}{21} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{10}{11} - \frac{7}{44} = \frac{40}{44} - \frac{7}{44} = \frac{33}{44} = \frac{3}{4}$$

$$\text{b) } \frac{11}{16} - \frac{19}{32} = \frac{22}{32} - \frac{19}{32} = \frac{3}{32}$$

$$\text{c) } \frac{7}{18} - \frac{5}{27} = \frac{21}{54} - \frac{10}{54} = \frac{11}{54}$$

$$\text{d) } \frac{5}{12} - \frac{2}{5} = \frac{25}{60} - \frac{24}{60} = \frac{1}{60}$$

$$\textcircled{2} \quad \text{a) } \frac{29}{42} - \frac{9}{14} = \frac{29}{42} - \frac{27}{42} = \frac{2}{42} = \frac{1}{21}$$

$$\text{b) } \frac{9}{20} - \frac{9}{40} = \frac{18}{40} - \frac{9}{40} = \frac{9}{40}$$

$$\text{c) } \frac{5}{8} - \frac{13}{40} = \frac{25}{40} - \frac{13}{40} = \frac{12}{40} = \frac{3}{10}$$

$$\text{d) } \frac{6}{17} - \frac{11}{34} = \frac{12}{34} - \frac{11}{34} = \frac{1}{34}$$

$$\textcircled{3} \quad \text{a) } \frac{29}{32} - \frac{3}{8} = \frac{29}{32} - \frac{12}{32} = \frac{17}{32}$$

$$\text{b) } \frac{13}{30} - \frac{4}{15} = \frac{13}{30} - \frac{8}{30} = \frac{5}{30} = \frac{1}{6}$$

$$\text{c) } \frac{7}{12} - \frac{1}{16} = \frac{28}{48} - \frac{3}{48} = \frac{25}{48}$$

$$\text{d) } \frac{10}{11} - \frac{23}{33} = \frac{30}{33} - \frac{23}{33} = \frac{7}{33}$$

$$\textcircled{4} \quad \text{a) } \frac{1}{2} - \frac{1}{34} = \frac{17}{34} - \frac{1}{34} = \frac{16}{34} = \frac{8}{17}$$

$$\text{b) } \frac{4}{5} - \frac{19}{35} = \frac{28}{35} - \frac{19}{35} = \frac{9}{35}$$

$$\text{c) } \frac{25}{26} - \frac{9}{13} = \frac{25}{26} - \frac{18}{26} = \frac{7}{26}$$

$$\text{d) } \frac{11}{14} - \frac{5}{42} = \frac{33}{42} - \frac{5}{42} = \frac{28}{42} = \frac{2}{3}$$

$$\textcircled{5} \quad \text{a) } \frac{15}{16} - \frac{11}{24} = \frac{45}{48} - \frac{22}{48} = \frac{23}{48}$$

$$\text{b) } \frac{19}{24} - \frac{1}{4} = \frac{19}{24} - \frac{6}{24} = \frac{13}{24}$$

$$\text{c) } \frac{17}{21} - \frac{5}{42} = \frac{34}{42} - \frac{5}{42} = \frac{29}{42}$$

$$\text{d) } \frac{19}{42} - \frac{8}{21} = \frac{19}{42} - \frac{16}{42} = \frac{3}{42} = \frac{1}{14}$$