

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{7}{9} - \frac{17}{27} =$

b) $\frac{2}{3} - \frac{7}{15} =$

c) $\frac{17}{30} - \frac{1}{20} =$

d) $\frac{3}{4} - \frac{19}{44} =$

② a) $\frac{23}{44} - \frac{4}{11} =$

b) $\frac{11}{13} - \frac{7}{26} =$

c) $\frac{3}{5} - \frac{2}{15} =$

d) $\frac{14}{15} - \frac{2}{45} =$

③ a) $\frac{15}{22} - \frac{15}{44} =$

b) $\frac{17}{18} - \frac{19}{27} =$

c) $\frac{9}{28} - \frac{1}{4} =$

d) $\frac{19}{39} - \frac{3}{13} =$

④ a) $\frac{21}{25} - \frac{1}{5} =$

b) $\frac{2}{3} - \frac{11}{21} =$

c) $\frac{23}{45} - \frac{2}{9} =$

d) $\frac{4}{7} - \frac{5}{42} =$

⑤ a) $\frac{9}{10} - \frac{17}{30} =$

b) $\frac{7}{9} - \frac{10}{27} =$

c) $\frac{3}{14} - \frac{4}{21} =$

d) $\frac{13}{21} - \frac{19}{42} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{7}{9} - \frac{17}{27} = \frac{21}{27} - \frac{17}{27} = \frac{4}{27}$$

$$\text{b) } \frac{2}{3} - \frac{7}{15} = \frac{10}{15} - \frac{7}{15} = \frac{3}{15} = \frac{1}{5}$$

$$\text{c) } \frac{17}{30} - \frac{1}{20} = \frac{34}{60} - \frac{3}{60} = \frac{31}{60}$$

$$\text{d) } \frac{3}{4} - \frac{19}{44} = \frac{33}{44} - \frac{19}{44} = \frac{14}{44} = \frac{7}{22}$$

$$\textcircled{2} \quad \text{a) } \frac{23}{44} - \frac{4}{11} = \frac{23}{44} - \frac{16}{44} = \frac{7}{44}$$

$$\text{b) } \frac{11}{13} - \frac{7}{26} = \frac{22}{26} - \frac{7}{26} = \frac{15}{26}$$

$$\text{c) } \frac{3}{5} - \frac{2}{15} = \frac{9}{15} - \frac{2}{15} = \frac{7}{15}$$

$$\text{d) } \frac{14}{15} - \frac{2}{45} = \frac{42}{45} - \frac{2}{45} = \frac{40}{45} = \frac{8}{9}$$

$$\textcircled{3} \quad \text{a) } \frac{15}{22} - \frac{15}{44} = \frac{30}{44} - \frac{15}{44} = \frac{15}{44}$$

$$\text{b) } \frac{17}{18} - \frac{19}{27} = \frac{51}{54} - \frac{38}{54} = \frac{13}{54}$$

$$\text{c) } \frac{9}{28} - \frac{1}{4} = \frac{9}{28} - \frac{7}{28} = \frac{2}{28} = \frac{1}{14}$$

$$\text{d) } \frac{19}{39} - \frac{3}{13} = \frac{19}{39} - \frac{9}{39} = \frac{10}{39}$$

$$\textcircled{4} \quad \text{a) } \frac{21}{25} - \frac{1}{5} = \frac{21}{25} - \frac{5}{25} = \frac{16}{25}$$

$$\text{b) } \frac{2}{3} - \frac{11}{21} = \frac{14}{21} - \frac{11}{21} = \frac{3}{21} = \frac{1}{7}$$

$$\text{c) } \frac{23}{45} - \frac{2}{9} = \frac{23}{45} - \frac{10}{45} = \frac{13}{45}$$

$$\text{d) } \frac{4}{7} - \frac{5}{42} = \frac{24}{42} - \frac{5}{42} = \frac{19}{42}$$

$$\textcircled{5} \quad \text{a) } \frac{9}{10} - \frac{17}{30} = \frac{27}{30} - \frac{17}{30} = \frac{10}{30} = \frac{1}{3}$$

$$\text{b) } \frac{7}{9} - \frac{10}{27} = \frac{21}{27} - \frac{10}{27} = \frac{11}{27}$$

$$\text{c) } \frac{3}{14} - \frac{4}{21} = \frac{9}{42} - \frac{8}{42} = \frac{1}{42}$$

$$\text{d) } \frac{13}{21} - \frac{19}{42} = \frac{26}{42} - \frac{19}{42} = \frac{7}{42} = \frac{1}{6}$$