

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a)  $\frac{21}{44} - \frac{9}{22} =$

b)  $\frac{10}{11} - \frac{25}{33} =$

c)  $\frac{11}{13} - \frac{9}{26} =$

d)  $\frac{12}{19} - \frac{17}{38} =$

② a)  $\frac{7}{12} - \frac{3}{20} =$

b)  $\frac{17}{21} - \frac{1}{3} =$

c)  $\frac{9}{22} - \frac{3}{44} =$

d)  $\frac{15}{22} - \frac{19}{44} =$

③ a)  $\frac{5}{7} - \frac{12}{35} =$

b)  $\frac{6}{13} - \frac{17}{39} =$

c)  $\frac{11}{12} - \frac{5}{18} =$

d)  $\frac{4}{9} - \frac{2}{45} =$

④ a)  $\frac{17}{30} - \frac{7}{20} =$

b)  $\frac{29}{40} - \frac{1}{10} =$

c)  $\frac{2}{3} - \frac{6}{11} =$

d)  $\frac{19}{36} - \frac{5}{18} =$

⑤ a)  $\frac{14}{15} - \frac{28}{45} =$

b)  $\frac{5}{7} - \frac{13}{28} =$

c)  $\frac{19}{39} - \frac{4}{13} =$

d)  $\frac{22}{45} - \frac{1}{9} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{21}{44} - \frac{9}{22} = \frac{21}{44} - \frac{18}{44} = \frac{3}{44}$$

$$\text{b) } \frac{10}{11} - \frac{25}{33} = \frac{30}{33} - \frac{25}{33} = \frac{5}{33}$$

$$\text{c) } \frac{11}{13} - \frac{9}{26} = \frac{22}{26} - \frac{9}{26} = \frac{13}{26} = \frac{1}{2}$$

$$\text{d) } \frac{12}{19} - \frac{17}{38} = \frac{24}{38} - \frac{17}{38} = \frac{7}{38}$$

$$\textcircled{2} \quad \text{a) } \frac{7}{12} - \frac{3}{20} = \frac{35}{60} - \frac{9}{60} = \frac{26}{60} = \frac{13}{30}$$

$$\text{b) } \frac{17}{21} - \frac{1}{3} = \frac{17}{21} - \frac{7}{21} = \frac{10}{21}$$

$$\text{c) } \frac{9}{22} - \frac{3}{44} = \frac{18}{44} - \frac{3}{44} = \frac{15}{44}$$

$$\text{d) } \frac{15}{22} - \frac{19}{44} = \frac{30}{44} - \frac{19}{44} = \frac{11}{44} = \frac{1}{4}$$

$$\textcircled{3} \quad \text{a) } \frac{5}{7} - \frac{12}{35} = \frac{25}{35} - \frac{12}{35} = \frac{13}{35}$$

$$\text{b) } \frac{6}{13} - \frac{17}{39} = \frac{18}{39} - \frac{17}{39} = \frac{1}{39}$$

$$\text{c) } \frac{11}{12} - \frac{5}{18} = \frac{33}{36} - \frac{10}{36} = \frac{23}{36}$$

$$\text{d) } \frac{4}{9} - \frac{2}{45} = \frac{20}{45} - \frac{2}{45} = \frac{18}{45} = \frac{2}{5}$$

$$\textcircled{4} \quad \text{a) } \frac{17}{30} - \frac{7}{20} = \frac{34}{60} - \frac{21}{60} = \frac{13}{60}$$

$$\text{b) } \frac{29}{40} - \frac{1}{10} = \frac{29}{40} - \frac{4}{40} = \frac{25}{40} = \frac{5}{8}$$

$$\text{c) } \frac{2}{3} - \frac{6}{11} = \frac{22}{33} - \frac{18}{33} = \frac{4}{33}$$

$$\text{d) } \frac{19}{36} - \frac{5}{18} = \frac{19}{36} - \frac{10}{36} = \frac{9}{36} = \frac{1}{4}$$

$$\textcircled{5} \quad \text{a) } \frac{14}{15} - \frac{28}{45} = \frac{42}{45} - \frac{28}{45} = \frac{14}{45}$$

$$\text{b) } \frac{5}{7} - \frac{13}{28} = \frac{20}{28} - \frac{13}{28} = \frac{7}{28} = \frac{1}{4}$$

$$\text{c) } \frac{19}{39} - \frac{4}{13} = \frac{19}{39} - \frac{12}{39} = \frac{7}{39}$$

$$\text{d) } \frac{22}{45} - \frac{1}{9} = \frac{22}{45} - \frac{5}{45} = \frac{17}{45}$$