

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{17}{44} - \frac{3}{22} =$

b) $\frac{8}{15} - \frac{2}{45} =$

c) $\frac{15}{16} - \frac{29}{32} =$

d) $\frac{7}{11} - \frac{13}{33} =$

② a) $\frac{7}{9} - \frac{14}{45} =$

b) $\frac{1}{3} - \frac{5}{19} =$

c) $\frac{11}{12} - \frac{7}{15} =$

d) $\frac{11}{15} - \frac{7}{45} =$

③ a) $\frac{9}{10} - \frac{11}{20} =$

b) $\frac{29}{36} - \frac{13}{18} =$

c) $\frac{17}{25} - \frac{1}{2} =$

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

④ a) $\frac{2}{15} - \frac{1}{20} =$

b) $\frac{2}{3} - \frac{5}{16} =$

c) $\frac{13}{14} - \frac{17}{21} =$

d) $\frac{9}{14} - \frac{23}{42} =$

⑤ a) $\frac{27}{35} - \frac{3}{7} =$

b) $\frac{4}{21} - \frac{1}{14} =$

c) $\frac{9}{38} - \frac{4}{19} =$

d) $\frac{1}{3} - \frac{10}{39} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{17}{44} - \frac{3}{22} = \frac{17}{44} - \frac{6}{44} = \frac{11}{44} = \frac{1}{4}$$

$$\text{b) } \frac{8}{15} - \frac{2}{45} = \frac{24}{45} - \frac{2}{45} = \frac{22}{45}$$

$$\text{c) } \frac{15}{16} - \frac{29}{32} = \frac{30}{32} - \frac{29}{32} = \frac{1}{32}$$

$$\text{d) } \frac{7}{11} - \frac{13}{33} = \frac{21}{33} - \frac{13}{33} = \frac{8}{33}$$

$$\textcircled{2} \quad \text{a) } \frac{7}{9} - \frac{14}{45} = \frac{35}{45} - \frac{14}{45} = \frac{21}{45} = \frac{7}{15}$$

$$\text{b) } \frac{1}{3} - \frac{5}{19} = \frac{19}{57} - \frac{15}{57} = \frac{4}{57}$$

$$\text{c) } \frac{11}{12} - \frac{7}{15} = \frac{55}{60} - \frac{28}{60} = \frac{27}{60} = \frac{9}{20}$$

$$\text{d) } \frac{11}{15} - \frac{7}{45} = \frac{33}{45} - \frac{7}{45} = \frac{26}{45}$$

$$\textcircled{3} \quad \text{a) } \frac{9}{10} - \frac{11}{20} = \frac{18}{20} - \frac{11}{20} = \frac{7}{20}$$

$$\text{b) } \frac{29}{36} - \frac{13}{18} = \frac{29}{36} - \frac{26}{36} = \frac{3}{36} = \frac{1}{12}$$

$$\text{c) } \frac{17}{25} - \frac{1}{2} = \frac{34}{50} - \frac{25}{50} = \frac{9}{50}$$

$$\text{d) } \frac{19}{22} - \frac{15}{44} = \frac{38}{44} - \frac{15}{44} = \frac{23}{44}$$

$$\textcircled{4} \quad \text{a) } \frac{2}{15} - \frac{1}{20} = \frac{8}{60} - \frac{3}{60} = \frac{5}{60} = \frac{1}{12}$$

$$\text{b) } \frac{2}{3} - \frac{5}{16} = \frac{32}{48} - \frac{15}{48} = \frac{17}{48}$$

$$\text{c) } \frac{13}{14} - \frac{17}{21} = \frac{39}{42} - \frac{34}{42} = \frac{5}{42}$$

$$\text{d) } \frac{9}{14} - \frac{23}{42} = \frac{27}{42} - \frac{23}{42} = \frac{4}{42} = \frac{2}{21}$$

$$\textcircled{5} \quad \text{a) } \frac{27}{35} - \frac{3}{7} = \frac{27}{35} - \frac{15}{35} = \frac{12}{35}$$

$$\text{b) } \frac{4}{21} - \frac{1}{14} = \frac{8}{42} - \frac{3}{42} = \frac{5}{42}$$

$$\text{c) } \frac{9}{38} - \frac{4}{19} = \frac{9}{38} - \frac{8}{38} = \frac{1}{38}$$

$$\text{d) } \frac{1}{3} - \frac{10}{39} = \frac{13}{39} - \frac{10}{39} = \frac{3}{39} = \frac{1}{13}$$