

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{21}{22} - \frac{1}{11} =$

b) $\frac{19}{36} - \frac{1}{4} =$

c) $\frac{7}{8} - \frac{3}{4} =$

d) $\frac{11}{20} - \frac{2}{5} =$

② a) $\frac{8}{9} - \frac{29}{36} =$

b) $\frac{2}{3} - \frac{8}{13} =$

c) $\frac{4}{13} - \frac{5}{39} =$

d) $\frac{19}{44} - \frac{2}{11} =$

③ a) $\frac{15}{16} - \frac{1}{2} =$

b) $\frac{20}{21} - \frac{25}{42} =$

c) $\frac{7}{10} - \frac{3}{20} =$

d) $\frac{17}{24} - \frac{1}{12} =$

④ a) $\frac{8}{11} - \frac{7}{22} =$

b) $\frac{6}{7} - \frac{13}{35} =$

c) $\frac{23}{28} - \frac{3}{4} =$

d) $\frac{5}{6} - \frac{20}{27} =$

⑤ a) $\frac{13}{19} - \frac{21}{38} =$

b) $\frac{17}{20} - \frac{1}{6} =$

c) $\frac{7}{12} - \frac{13}{30} =$

d) $\frac{25}{27} - \frac{8}{9} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{21}{22} - \frac{1}{11} = \frac{21}{22} - \frac{2}{22} = \frac{19}{22}$$

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

$$\text{c) } \frac{7}{8} - \frac{3}{4} = \frac{7}{8} - \frac{6}{8} = \frac{1}{8}$$

$$\text{d) } \frac{11}{20} - \frac{2}{5} = \frac{11}{20} - \frac{8}{20} = \frac{3}{20}$$

$$\textcircled{2} \quad \text{a) } \frac{8}{9} - \frac{29}{36} = \frac{32}{36} - \frac{29}{36} = \frac{3}{36} = \frac{1}{12}$$

$$\text{b) } \frac{2}{3} - \frac{8}{13} = \frac{26}{39} - \frac{24}{39} = \frac{2}{39}$$

$$\text{c) } \frac{4}{13} - \frac{5}{39} = \frac{12}{39} - \frac{5}{39} = \frac{7}{39}$$

$$\text{d) } \frac{19}{44} - \frac{2}{11} = \frac{19}{44} - \frac{8}{44} = \frac{11}{44} = \frac{1}{4}$$

$$\textcircled{3} \quad \text{a) } \frac{15}{16} - \frac{1}{2} = \frac{15}{16} - \frac{8}{16} = \frac{7}{16}$$

$$\text{b) } \frac{20}{21} - \frac{25}{42} = \frac{40}{42} - \frac{25}{42} = \frac{15}{42} = \frac{5}{14}$$

$$\text{c) } \frac{7}{10} - \frac{3}{20} = \frac{14}{20} - \frac{3}{20} = \frac{11}{20}$$

$$\text{d) } \frac{17}{24} - \frac{1}{12} = \frac{17}{24} - \frac{2}{24} = \frac{15}{24} = \frac{5}{8}$$

$$\textcircled{4} \quad \text{a) } \frac{8}{11} - \frac{7}{22} = \frac{16}{22} - \frac{7}{22} = \frac{9}{22}$$

$$\text{b) } \frac{6}{7} - \frac{13}{35} = \frac{30}{35} - \frac{13}{35} = \frac{17}{35}$$

$$\text{c) } \frac{23}{28} - \frac{3}{4} = \frac{23}{28} - \frac{21}{28} = \frac{2}{28} = \frac{1}{14}$$

$$\text{d) } \frac{5}{6} - \frac{20}{27} = \frac{45}{54} - \frac{40}{54} = \frac{5}{54}$$

$$\textcircled{5} \quad \text{a) } \frac{13}{19} - \frac{21}{38} = \frac{26}{38} - \frac{21}{38} = \frac{5}{38}$$

$$\text{b) } \frac{17}{20} - \frac{1}{6} = \frac{51}{60} - \frac{10}{60} = \frac{41}{60}$$

$$\text{c) } \frac{7}{12} - \frac{13}{30} = \frac{35}{60} - \frac{26}{60} = \frac{9}{60} = \frac{3}{20}$$

$$\text{d) } \frac{25}{27} - \frac{8}{9} = \frac{25}{27} - \frac{24}{27} = \frac{1}{27}$$