

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{2}{5} - \frac{13}{45} =$

b) $\frac{1}{3} - \frac{1}{13} =$

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

d) $\frac{24}{35} - \frac{2}{7} =$

② a) $\frac{8}{9} - \frac{8}{27} =$

b) $\frac{16}{17} - \frac{15}{34} =$

c) $\frac{7}{12} - \frac{2}{5} =$

d) $\frac{17}{40} - \frac{3}{20} =$

③ a) $\frac{5}{11} - \frac{4}{33} =$

b) $\frac{21}{22} - \frac{13}{44} =$

c) $\frac{13}{27} - \frac{1}{6} =$

d) $\frac{11}{15} - \frac{1}{3} =$

④ a) $\frac{11}{38} - \frac{4}{19} =$

b) $\frac{23}{40} - \frac{9}{20} =$

c) $\frac{28}{33} - \frac{9}{11} =$

d) $\frac{25}{28} - \frac{3}{14} =$

⑤ a) $\frac{5}{36} - \frac{1}{12} =$

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

c) $\frac{8}{11} - \frac{1}{4} =$

d) $\frac{11}{15} - \frac{2}{9} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{2}{5} - \frac{13}{45} = \frac{18}{45} - \frac{13}{45} = \frac{5}{45} = \frac{1}{9}$$

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

$$\text{c) } \frac{13}{19} - \frac{5}{38} = \frac{26}{38} - \frac{5}{38} = \frac{21}{38}$$

$$\text{d) } \frac{24}{35} - \frac{2}{7} = \frac{24}{35} - \frac{10}{35} = \frac{14}{35} = \frac{2}{5}$$

$$\textcircled{2} \quad \text{a) } \frac{8}{9} - \frac{8}{27} = \frac{24}{27} - \frac{8}{27} = \frac{16}{27}$$

$$\text{b) } \frac{16}{17} - \frac{15}{34} = \frac{32}{34} - \frac{15}{34} = \frac{17}{34} = \frac{1}{2}$$

$$\text{c) } \frac{7}{12} - \frac{2}{5} = \frac{35}{60} - \frac{24}{60} = \frac{11}{60}$$

$$\text{d) } \frac{17}{40} - \frac{3}{20} = \frac{17}{40} - \frac{6}{40} = \frac{11}{40}$$

$$\textcircled{3} \quad \text{a) } \frac{5}{11} - \frac{4}{33} = \frac{15}{33} - \frac{4}{33} = \frac{11}{33} = \frac{1}{3}$$

$$\text{b) } \frac{21}{22} - \frac{13}{44} = \frac{42}{44} - \frac{13}{44} = \frac{29}{44}$$

$$\text{c) } \frac{13}{27} - \frac{1}{6} = \frac{26}{54} - \frac{9}{54} = \frac{17}{54}$$

$$\text{d) } \frac{11}{15} - \frac{1}{3} = \frac{11}{15} - \frac{5}{15} = \frac{6}{15} = \frac{2}{5}$$

$$\textcircled{4} \quad \text{a) } \frac{11}{38} - \frac{4}{19} = \frac{11}{38} - \frac{8}{38} = \frac{3}{38}$$

$$\text{b) } \frac{23}{40} - \frac{9}{20} = \frac{23}{40} - \frac{18}{40} = \frac{5}{40} = \frac{1}{8}$$

$$\text{c) } \frac{28}{33} - \frac{9}{11} = \frac{28}{33} - \frac{27}{33} = \frac{1}{33}$$

$$\text{d) } \frac{25}{28} - \frac{3}{14} = \frac{25}{28} - \frac{6}{28} = \frac{19}{28}$$

$$\textcircled{5} \quad \text{a) } \frac{5}{36} - \frac{1}{12} = \frac{5}{36} - \frac{3}{36} = \frac{2}{36} = \frac{1}{18}$$

$$\text{b) } \frac{17}{18} - \frac{17}{27} = \frac{51}{54} - \frac{34}{54} = \frac{17}{54}$$

$$\text{c) } \frac{8}{11} - \frac{1}{4} = \frac{32}{44} - \frac{11}{44} = \frac{21}{44}$$

$$\text{d) } \frac{11}{15} - \frac{2}{9} = \frac{33}{45} - \frac{10}{45} = \frac{23}{45}$$