

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{3}{7} - \frac{3}{28} =$

b) $\frac{5}{12} - \frac{11}{36} =$

c) $\frac{29}{34} - \frac{8}{17} =$

d) $\frac{17}{20} - \frac{19}{30} =$

② a) $\frac{26}{45} - \frac{4}{9} =$

b) $\frac{10}{19} - \frac{13}{38} =$

c) $\frac{9}{11} - \frac{7}{33} =$

d) $\frac{1}{6} - \frac{1}{18} =$

③ a) $\frac{11}{34} - \frac{1}{17} =$

b) $\frac{10}{11} - \frac{29}{44} =$

c) $\frac{4}{5} - \frac{4}{9} =$

d) $\frac{9}{10} - \frac{21}{40} =$

④ a) $\frac{7}{10} - \frac{3}{5} =$

b) $\frac{21}{22} - \frac{27}{44} =$

c) $\frac{17}{21} - \frac{2}{3} =$

d) $\frac{8}{19} - \frac{5}{38} =$

⑤ a) $\frac{13}{15} - \frac{13}{45} =$

b) $\frac{11}{30} - \frac{1}{4} =$

c) $\frac{29}{42} - \frac{4}{21} =$

d) $\frac{10}{13} - \frac{11}{39} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{3}{7} - \frac{3}{28} = \frac{12}{28} - \frac{3}{28} = \frac{9}{28}$$

$$\text{b) } \frac{5}{12} - \frac{11}{36} = \frac{15}{36} - \frac{11}{36} = \frac{4}{36} = \frac{1}{9}$$

$$\text{c) } \frac{29}{34} - \frac{8}{17} = \frac{29}{34} - \frac{16}{34} = \frac{13}{34}$$

$$\text{d) } \frac{17}{20} - \frac{19}{30} = \frac{51}{60} - \frac{38}{60} = \frac{13}{60}$$

$$\textcircled{2} \quad \text{a) } \frac{26}{45} - \frac{4}{9} = \frac{26}{45} - \frac{20}{45} = \frac{6}{45} = \frac{2}{15}$$

$$\text{b) } \frac{10}{19} - \frac{13}{38} = \frac{20}{38} - \frac{13}{38} = \frac{7}{38}$$

$$\text{c) } \frac{9}{11} - \frac{7}{33} = \frac{27}{33} - \frac{7}{33} = \frac{20}{33}$$

$$\text{d) } \frac{1}{6} - \frac{1}{18} = \frac{3}{18} - \frac{1}{18} = \frac{2}{18} = \frac{1}{9}$$

$$\textcircled{3} \quad \text{a) } \frac{11}{34} - \frac{1}{17} = \frac{11}{34} - \frac{2}{34} = \frac{9}{34}$$

$$\text{b) } \frac{10}{11} - \frac{29}{44} = \frac{40}{44} - \frac{29}{44} = \frac{11}{44} = \frac{1}{4}$$

$$\text{c) } \frac{4}{5} - \frac{4}{9} = \frac{36}{45} - \frac{20}{45} = \frac{16}{45}$$

$$\text{d) } \frac{9}{10} - \frac{21}{40} = \frac{36}{40} - \frac{21}{40} = \frac{15}{40} = \frac{3}{8}$$

$$\textcircled{4} \quad \text{a) } \frac{7}{10} - \frac{3}{5} = \frac{7}{10} - \frac{6}{10} = \frac{1}{10}$$

$$\text{b) } \frac{21}{22} - \frac{27}{44} = \frac{42}{44} - \frac{27}{44} = \frac{15}{44}$$

$$\text{c) } \frac{17}{21} - \frac{2}{3} = \frac{17}{21} - \frac{14}{21} = \frac{3}{21} = \frac{1}{7}$$

$$\text{d) } \frac{8}{19} - \frac{5}{38} = \frac{16}{38} - \frac{5}{38} = \frac{11}{38}$$

$$\textcircled{5} \quad \text{a) } \frac{13}{15} - \frac{13}{45} = \frac{39}{45} - \frac{13}{45} = \frac{26}{45}$$

$$\text{b) } \frac{11}{30} - \frac{1}{4} = \frac{22}{60} - \frac{15}{60} = \frac{7}{60}$$

$$\text{c) } \frac{29}{42} - \frac{4}{21} = \frac{29}{42} - \frac{8}{42} = \frac{21}{42} = \frac{1}{2}$$

$$\text{d) } \frac{10}{13} - \frac{11}{39} = \frac{30}{39} - \frac{11}{39} = \frac{19}{39}$$