

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{27}{40} - \frac{1}{5} =$

b) $\frac{14}{17} - \frac{23}{34} =$

c) $\frac{1}{2} - \frac{9}{22} =$

d) $\frac{5}{11} - \frac{15}{44} =$

② a) $\frac{11}{12} - \frac{13}{18} =$

b) $\frac{13}{14} - \frac{7}{8} =$

c) $\frac{5}{6} - \frac{11}{30} =$

d) $\frac{27}{28} - \frac{1}{2} =$

③ a) $\frac{29}{30} - \frac{5}{12} =$

b) $\frac{29}{35} - \frac{2}{7} =$

c) $\frac{20}{21} - \frac{9}{14} =$

d) $\frac{16}{17} - \frac{3}{34} =$

④ a) $\frac{17}{36} - \frac{1}{18} =$

b) $\frac{11}{13} - \frac{11}{26} =$

c) $\frac{4}{5} - \frac{17}{40} =$

d) $\frac{9}{10} - \frac{1}{3} =$

⑤ a) $\frac{4}{5} - \frac{16}{35} =$

b) $\frac{11}{21} - \frac{5}{14} =$

c) $\frac{19}{39} - \frac{2}{13} =$

d) $\frac{14}{15} - \frac{14}{45} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{27}{40} - \frac{1}{5} = \frac{27}{40} - \frac{8}{40} = \frac{19}{40}$$

$$\text{b) } \frac{14}{17} - \frac{23}{34} = \frac{28}{34} - \frac{23}{34} = \frac{5}{34}$$

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

$$\text{d) } \frac{5}{11} - \frac{15}{44} = \frac{20}{44} - \frac{15}{44} = \frac{5}{44}$$

$$\textcircled{2} \quad \text{a) } \frac{11}{12} - \frac{13}{18} = \frac{33}{36} - \frac{26}{36} = \frac{7}{36}$$

$$\text{b) } \frac{13}{14} - \frac{7}{8} = \frac{52}{56} - \frac{49}{56} = \frac{3}{56}$$

$$\text{c) } \frac{5}{6} - \frac{11}{30} = \frac{25}{30} - \frac{11}{30} = \frac{14}{30} = \frac{7}{15}$$

$$\text{d) } \frac{27}{28} - \frac{1}{2} = \frac{27}{28} - \frac{14}{28} = \frac{13}{28}$$

$$\textcircled{3} \quad \text{a) } \frac{29}{30} - \frac{5}{12} = \frac{58}{60} - \frac{25}{60} = \frac{33}{60} = \frac{11}{20}$$

$$\text{b) } \frac{29}{35} - \frac{2}{7} = \frac{29}{35} - \frac{10}{35} = \frac{19}{35}$$

$$\text{c) } \frac{20}{21} - \frac{9}{14} = \frac{40}{42} - \frac{27}{42} = \frac{13}{42}$$

$$\text{d) } \frac{16}{17} - \frac{3}{34} = \frac{32}{34} - \frac{3}{34} = \frac{29}{34}$$

$$\textcircled{4} \quad \text{a) } \frac{17}{36} - \frac{1}{18} = \frac{17}{36} - \frac{2}{36} = \frac{15}{36} = \frac{5}{12}$$

$$\text{b) } \frac{11}{13} - \frac{11}{26} = \frac{22}{26} - \frac{11}{26} = \frac{11}{26}$$

$$\text{c) } \frac{4}{5} - \frac{17}{40} = \frac{32}{40} - \frac{17}{40} = \frac{15}{40} = \frac{3}{8}$$

$$\text{d) } \frac{9}{10} - \frac{1}{3} = \frac{27}{30} - \frac{10}{30} = \frac{17}{30}$$

$$\textcircled{5} \quad \text{a) } \frac{4}{5} - \frac{16}{35} = \frac{28}{35} - \frac{16}{35} = \frac{12}{35}$$

$$\text{b) } \frac{11}{21} - \frac{5}{14} = \frac{22}{42} - \frac{15}{42} = \frac{7}{42} = \frac{1}{6}$$

$$\text{c) } \frac{19}{39} - \frac{2}{13} = \frac{19}{39} - \frac{6}{39} = \frac{13}{39} = \frac{1}{3}$$

$$\text{d) } \frac{14}{15} - \frac{14}{45} = \frac{42}{45} - \frac{14}{45} = \frac{28}{45}$$