

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{12}{13} - \frac{21}{26} =$

b) $\frac{29}{32} - \frac{9}{16} =$

c) $\frac{16}{39} - \frac{1}{13} =$

d) $\frac{4}{17} - \frac{7}{34} =$

② a) $\frac{19}{21} - \frac{17}{42} =$

b) $\frac{28}{39} - \frac{4}{13} =$

c) $\frac{26}{45} - \frac{8}{15} =$

d) $\frac{29}{34} - \frac{6}{17} =$

③ a) $\frac{4}{7} - \frac{11}{28} =$

b) $\frac{9}{10} - \frac{3}{4} =$

c) $\frac{8}{15} - \frac{7}{45} =$

d) $\frac{5}{6} - \frac{3}{10} =$

④ a) $\frac{1}{3} - \frac{1}{16} =$

b) $\frac{25}{42} - \frac{2}{21} =$

c) $\frac{29}{33} - \frac{2}{3} =$

d) $\frac{4}{9} - \frac{5}{18} =$

⑤ a) $\frac{5}{17} - \frac{9}{34} =$

b) $\frac{9}{13} - \frac{1}{39} =$

c) $\frac{24}{25} - \frac{3}{5} =$

d) $\frac{19}{24} - \frac{7}{12} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{12}{13} - \frac{21}{26} = \frac{24}{26} - \frac{21}{26} = \frac{3}{26}$$

$$\text{b) } \frac{29}{32} - \frac{9}{16} = \frac{29}{32} - \frac{18}{32} = \frac{11}{32}$$

$$\text{c) } \frac{16}{39} - \frac{1}{13} = \frac{16}{39} - \frac{3}{39} = \frac{13}{39} = \frac{1}{3}$$

$$\text{d) } \frac{4}{17} - \frac{7}{34} = \frac{8}{34} - \frac{7}{34} = \frac{1}{34}$$

$$\textcircled{2} \quad \text{a) } \frac{19}{21} - \frac{17}{42} = \frac{38}{42} - \frac{17}{42} = \frac{21}{42} = \frac{1}{2}$$

$$\text{b) } \frac{28}{39} - \frac{4}{13} = \frac{28}{39} - \frac{12}{39} = \frac{16}{39}$$

$$\text{c) } \frac{26}{45} - \frac{8}{15} = \frac{26}{45} - \frac{24}{45} = \frac{2}{45}$$

$$\text{d) } \frac{29}{34} - \frac{6}{17} = \frac{29}{34} - \frac{12}{34} = \frac{17}{34} = \frac{1}{2}$$

$$\textcircled{3} \quad \text{a) } \frac{4}{7} - \frac{11}{28} = \frac{16}{28} - \frac{11}{28} = \frac{5}{28}$$

$$\text{b) } \frac{9}{10} - \frac{3}{4} = \frac{18}{20} - \frac{15}{20} = \frac{3}{20}$$

$$\text{c) } \frac{8}{15} - \frac{7}{45} = \frac{24}{45} - \frac{7}{45} = \frac{17}{45}$$

$$\text{d) } \frac{5}{6} - \frac{3}{10} = \frac{25}{30} - \frac{9}{30} = \frac{16}{30} = \frac{8}{15}$$

$$\textcircled{4} \quad \text{a) } \frac{1}{3} - \frac{1}{16} = \frac{16}{48} - \frac{3}{48} = \frac{13}{48}$$

$$\text{b) } \frac{25}{42} - \frac{2}{21} = \frac{25}{42} - \frac{4}{42} = \frac{21}{42} = \frac{1}{2}$$

$$\text{c) } \frac{29}{33} - \frac{2}{3} = \frac{29}{33} - \frac{22}{33} = \frac{7}{33}$$

$$\text{d) } \frac{4}{9} - \frac{5}{18} = \frac{8}{18} - \frac{5}{18} = \frac{3}{18} = \frac{1}{6}$$

$$\textcircled{5} \quad \text{a) } \frac{5}{17} - \frac{9}{34} = \frac{10}{34} - \frac{9}{34} = \frac{1}{34}$$

$$\text{b) } \frac{9}{13} - \frac{1}{39} = \frac{27}{39} - \frac{1}{39} = \frac{26}{39} = \frac{2}{3}$$

$$\text{c) } \frac{24}{25} - \frac{3}{5} = \frac{24}{25} - \frac{15}{25} = \frac{9}{25}$$

$$\text{d) } \frac{19}{24} - \frac{7}{12} = \frac{19}{24} - \frac{14}{24} = \frac{5}{24}$$