

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a)  $\frac{19}{28} - \frac{1}{4} =$

b)  $\frac{2}{5} - \frac{2}{7} =$

c)  $\frac{11}{12} - \frac{3}{8} =$

d)  $\frac{5}{14} - \frac{13}{42} =$

② a)  $\frac{9}{13} - \frac{25}{39} =$

b)  $\frac{7}{20} - \frac{9}{40} =$

c)  $\frac{25}{28} - \frac{5}{14} =$

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

③ a)  $\frac{3}{4} - \frac{3}{44} =$

b)  $\frac{3}{5} - \frac{1}{7} =$

c)  $\frac{12}{17} - \frac{2}{3} =$

d)  $\frac{17}{18} - \frac{25}{36} =$

④ a)  $\frac{29}{45} - \frac{4}{15} =$

b)  $\frac{9}{10} - \frac{23}{30} =$

c)  $\frac{8}{9} - \frac{3}{4} =$

d)  $\frac{14}{19} - \frac{7}{38} =$

⑤ a)  $\frac{29}{42} - \frac{11}{21} =$

b)  $\frac{23}{27} - \frac{5}{9} =$

c)  $\frac{27}{40} - \frac{1}{10} =$

d)  $\frac{11}{16} - \frac{13}{24} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{19}{28} - \frac{1}{4} = \frac{19}{28} - \frac{7}{28} = \frac{12}{28} = \frac{3}{7}$$

$$\text{b) } \frac{2}{5} - \frac{2}{7} = \frac{14}{35} - \frac{10}{35} = \frac{4}{35}$$

$$\text{c) } \frac{11}{12} - \frac{3}{8} = \frac{22}{24} - \frac{9}{24} = \frac{13}{24}$$

$$\text{d) } \frac{5}{14} - \frac{13}{42} = \frac{15}{42} - \frac{13}{42} = \frac{2}{42} = \frac{1}{21}$$

$$\textcircled{2} \quad \text{a) } \frac{9}{13} - \frac{25}{39} = \frac{27}{39} - \frac{25}{39} = \frac{2}{39}$$

$$\text{b) } \frac{7}{20} - \frac{9}{40} = \frac{14}{40} - \frac{9}{40} = \frac{5}{40} = \frac{1}{8}$$

$$\text{c) } \frac{25}{28} - \frac{5}{14} = \frac{25}{28} - \frac{10}{28} = \frac{15}{28}$$

$$\text{d) } \frac{7}{15} - \frac{8}{45} = \frac{21}{45} - \frac{8}{45} = \frac{13}{45}$$

$$\textcircled{3} \quad \text{a) } \frac{3}{4} - \frac{3}{44} = \frac{33}{44} - \frac{3}{44} = \frac{30}{44} = \frac{15}{22}$$

$$\text{b) } \frac{3}{5} - \frac{1}{7} = \frac{21}{35} - \frac{5}{35} = \frac{16}{35}$$

$$\text{c) } \frac{12}{17} - \frac{2}{3} = \frac{36}{51} - \frac{34}{51} = \frac{2}{51}$$

$$\text{d) } \frac{17}{18} - \frac{25}{36} = \frac{34}{36} - \frac{25}{36} = \frac{9}{36} = \frac{1}{4}$$

$$\textcircled{4} \quad \text{a) } \frac{29}{45} - \frac{4}{15} = \frac{29}{45} - \frac{12}{45} = \frac{17}{45}$$

$$\text{b) } \frac{9}{10} - \frac{23}{30} = \frac{27}{30} - \frac{23}{30} = \frac{4}{30} = \frac{2}{15}$$

$$\text{c) } \frac{8}{9} - \frac{3}{4} = \frac{32}{36} - \frac{27}{36} = \frac{5}{36}$$

$$\text{d) } \frac{14}{19} - \frac{7}{38} = \frac{28}{38} - \frac{7}{38} = \frac{21}{38}$$

$$\textcircled{5} \quad \text{a) } \frac{29}{42} - \frac{11}{21} = \frac{29}{42} - \frac{22}{42} = \frac{7}{42} = \frac{1}{6}$$

$$\text{b) } \frac{23}{27} - \frac{5}{9} = \frac{23}{27} - \frac{15}{27} = \frac{8}{27}$$

$$\text{c) } \frac{27}{40} - \frac{1}{10} = \frac{27}{40} - \frac{4}{40} = \frac{23}{40}$$

$$\text{d) } \frac{11}{16} - \frac{13}{24} = \frac{33}{48} - \frac{26}{48} = \frac{7}{48}$$