

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a)  $\frac{17}{42} - \frac{4}{21} =$

b)  $\frac{19}{30} - \frac{5}{12} =$

c)  $\frac{14}{15} - \frac{1}{9} =$

d)  $\frac{3}{5} - \frac{22}{45} =$

② a)  $\frac{27}{40} - \frac{13}{20} =$

b)  $\frac{19}{24} - \frac{5}{12} =$

c)  $\frac{7}{12} - \frac{7}{18} =$

d)  $\frac{12}{17} - \frac{3}{34} =$

③ a)  $\frac{2}{15} - \frac{1}{30} =$

b)  $\frac{16}{21} - \frac{5}{14} =$

c)  $\frac{11}{12} - \frac{1}{5} =$

d)  $\frac{7}{8} - \frac{21}{40} =$

④ a)  $\frac{4}{5} - \frac{16}{25} =$

b)  $\frac{17}{18} - \frac{13}{36} =$

c)  $\frac{15}{16} - \frac{3}{4} =$

d)  $\frac{13}{19} - \frac{13}{38} =$

⑤ a)  $\frac{6}{7} - \frac{17}{28} =$

b)  $\frac{5}{7} - \frac{4}{21} =$

c)  $\frac{8}{27} - \frac{2}{9} =$

d)  $\frac{10}{21} - \frac{5}{14} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{17}{42} - \frac{4}{21} = \frac{17}{42} - \frac{8}{42} = \frac{9}{42} = \frac{3}{14}$$

$$\text{b) } \frac{19}{30} - \frac{5}{12} = \frac{38}{60} - \frac{25}{60} = \frac{13}{60}$$

$$\text{c) } \frac{14}{15} - \frac{1}{9} = \frac{42}{45} - \frac{5}{45} = \frac{37}{45}$$

$$\text{d) } \frac{3}{5} - \frac{22}{45} = \frac{27}{45} - \frac{22}{45} = \frac{5}{45} = \frac{1}{9}$$

$$\textcircled{2} \quad \text{a) } \frac{27}{40} - \frac{13}{20} = \frac{27}{40} - \frac{26}{40} = \frac{1}{40}$$

$$\text{b) } \frac{19}{24} - \frac{5}{12} = \frac{19}{24} - \frac{10}{24} = \frac{9}{24} = \frac{3}{8}$$

$$\text{c) } \frac{7}{12} - \frac{7}{18} = \frac{21}{36} - \frac{14}{36} = \frac{7}{36}$$

$$\text{d) } \frac{12}{17} - \frac{3}{34} = \frac{24}{34} - \frac{3}{34} = \frac{21}{34}$$

$$\textcircled{3} \quad \text{a) } \frac{2}{15} - \frac{1}{30} = \frac{4}{30} - \frac{1}{30} = \frac{3}{30} = \frac{1}{10}$$

$$\text{b) } \frac{16}{21} - \frac{5}{14} = \frac{32}{42} - \frac{15}{42} = \frac{17}{42}$$

$$\text{c) } \frac{11}{12} - \frac{1}{5} = \frac{55}{60} - \frac{12}{60} = \frac{43}{60}$$

$$\text{d) } \frac{7}{8} - \frac{21}{40} = \frac{35}{40} - \frac{21}{40} = \frac{14}{40} = \frac{7}{20}$$

$$\textcircled{4} \quad \text{a) } \frac{4}{5} - \frac{16}{25} = \frac{20}{25} - \frac{16}{25} = \frac{4}{25}$$

$$\text{b) } \frac{17}{18} - \frac{13}{36} = \frac{34}{36} - \frac{13}{36} = \frac{21}{36} = \frac{7}{12}$$

$$\text{c) } \frac{15}{16} - \frac{3}{4} = \frac{15}{16} - \frac{12}{16} = \frac{3}{16}$$

$$\text{d) } \frac{13}{19} - \frac{13}{38} = \frac{26}{38} - \frac{13}{38} = \frac{13}{38}$$

$$\textcircled{5} \quad \text{a) } \frac{6}{7} - \frac{17}{28} = \frac{24}{28} - \frac{17}{28} = \frac{7}{28} = \frac{1}{4}$$

$$\text{b) } \frac{5}{7} - \frac{4}{21} = \frac{15}{21} - \frac{4}{21} = \frac{11}{21}$$

$$\text{c) } \frac{8}{27} - \frac{2}{9} = \frac{8}{27} - \frac{6}{27} = \frac{2}{27}$$

$$\text{d) } \frac{10}{21} - \frac{5}{14} = \frac{20}{42} - \frac{15}{42} = \frac{5}{42}$$