

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{2}{3} - \frac{4}{15} =$

b) $\frac{29}{30} - \frac{14}{15} =$

c) $\frac{9}{16} - \frac{5}{24} =$

d) $\frac{4}{9} - \frac{19}{45} =$

② a) $\frac{13}{14} - \frac{17}{42} =$

b) $\frac{1}{18} - \frac{1}{27} =$

c) $\frac{5}{9} - \frac{5}{36} =$

d) $\frac{17}{22} - \frac{15}{44} =$

③ a) $\frac{15}{17} - \frac{21}{34} =$

b) $\frac{3}{20} - \frac{1}{40} =$

c) $\frac{14}{15} - \frac{7}{9} =$

d) $\frac{4}{5} - \frac{4}{35} =$

④ a) $\frac{1}{2} - \frac{3}{10} =$

b) $\frac{29}{36} - \frac{1}{6} =$

c) $\frac{23}{42} - \frac{11}{21} =$

d) $\frac{12}{13} - \frac{23}{39} =$

⑤ a) $\frac{1}{2} - \frac{8}{19} =$

b) $\frac{8}{15} - \frac{3}{20} =$

c) $\frac{11}{20} - \frac{13}{40} =$

d) $\frac{17}{36} - \frac{7}{18} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{2}{3} - \frac{4}{15} = \frac{10}{15} - \frac{4}{15} = \frac{6}{15} = \frac{2}{5}$$

$$\text{b) } \frac{29}{30} - \frac{14}{15} = \frac{29}{30} - \frac{28}{30} = \frac{1}{30}$$

$$\text{c) } \frac{9}{16} - \frac{5}{24} = \frac{27}{48} - \frac{10}{48} = \frac{17}{48}$$

$$\text{d) } \frac{4}{9} - \frac{19}{45} = \frac{20}{45} - \frac{19}{45} = \frac{1}{45}$$

$$\textcircled{2} \quad \text{a) } \frac{13}{14} - \frac{17}{42} = \frac{39}{42} - \frac{17}{42} = \frac{22}{42} = \frac{11}{21}$$

$$\text{b) } \frac{1}{18} - \frac{1}{27} = \frac{3}{54} - \frac{2}{54} = \frac{1}{54}$$

$$\text{c) } \frac{5}{9} - \frac{5}{36} = \frac{20}{36} - \frac{5}{36} = \frac{15}{36} = \frac{5}{12}$$

$$\text{d) } \frac{17}{22} - \frac{15}{44} = \frac{34}{44} - \frac{15}{44} = \frac{19}{44}$$

$$\textcircled{3} \quad \text{a) } \frac{15}{17} - \frac{21}{34} = \frac{30}{34} - \frac{21}{34} = \frac{9}{34}$$

$$\text{b) } \frac{3}{20} - \frac{1}{40} = \frac{6}{40} - \frac{1}{40} = \frac{5}{40} = \frac{1}{8}$$

$$\text{c) } \frac{14}{15} - \frac{7}{9} = \frac{42}{45} - \frac{35}{45} = \frac{7}{45}$$

$$\text{d) } \frac{4}{5} - \frac{4}{35} = \frac{28}{35} - \frac{4}{35} = \frac{24}{35}$$

$$\textcircled{4} \quad \text{a) } \frac{1}{2} - \frac{3}{10} = \frac{5}{10} - \frac{3}{10} = \frac{2}{10} = \frac{1}{5}$$

$$\text{b) } \frac{29}{36} - \frac{1}{6} = \frac{29}{36} - \frac{6}{36} = \frac{23}{36}$$

$$\text{c) } \frac{23}{42} - \frac{11}{21} = \frac{23}{42} - \frac{22}{42} = \frac{1}{42}$$

$$\text{d) } \frac{12}{13} - \frac{23}{39} = \frac{36}{39} - \frac{23}{39} = \frac{13}{39} = \frac{1}{3}$$

$$\textcircled{5} \quad \text{a) } \frac{1}{2} - \frac{8}{19} = \frac{19}{38} - \frac{16}{38} = \frac{3}{38}$$

$$\text{b) } \frac{8}{15} - \frac{3}{20} = \frac{32}{60} - \frac{9}{60} = \frac{23}{60}$$

$$\text{c) } \frac{11}{20} - \frac{13}{40} = \frac{22}{40} - \frac{13}{40} = \frac{9}{40}$$

$$\text{d) } \frac{17}{36} - \frac{7}{18} = \frac{17}{36} - \frac{14}{36} = \frac{3}{36} = \frac{1}{12}$$