

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{8}{21} - \frac{5}{42} =$

b) $\frac{20}{39} - \frac{6}{13} =$

c) $\frac{8}{9} - \frac{1}{45} =$

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

② a) $\frac{19}{32} - \frac{9}{16} =$

b) $\frac{5}{6} - \frac{7}{15} =$

c) $\frac{1}{2} - \frac{3}{26} =$

d) $\frac{26}{27} - \frac{17}{18} =$

③ a) $\frac{13}{15} - \frac{9}{20} =$

b) $\frac{22}{23} - \frac{1}{2} =$

c) $\frac{27}{34} - \frac{12}{17} =$

d) $\frac{14}{17} - \frac{9}{34} =$

④ a) $\frac{11}{42} - \frac{2}{21} =$

b) $\frac{11}{24} - \frac{5}{16} =$

c) $\frac{23}{24} - \frac{7}{8} =$

d) $\frac{8}{15} - \frac{23}{45} =$

⑤ a) $\frac{1}{2} - \frac{1}{7} =$

b) $\frac{5}{6} - \frac{11}{15} =$

c) $\frac{9}{17} - \frac{1}{34} =$

d) $\frac{15}{32} - \frac{3}{16} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{8}{21} - \frac{5}{42} = \frac{16}{42} - \frac{5}{42} = \frac{11}{42}$$

$$\text{b) } \frac{20}{39} - \frac{6}{13} = \frac{20}{39} - \frac{18}{39} = \frac{2}{39}$$

$$\text{c) } \frac{8}{9} - \frac{1}{45} = \frac{40}{45} - \frac{1}{45} = \frac{39}{45} = \frac{13}{15}$$

$$\text{d) } \frac{13}{15} - \frac{8}{45} = \frac{39}{45} - \frac{8}{45} = \frac{31}{45}$$

$$\textcircled{2} \quad \text{a) } \frac{19}{32} - \frac{9}{16} = \frac{19}{32} - \frac{18}{32} = \frac{1}{32}$$

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

$$\text{c) } \frac{1}{2} - \frac{3}{26} = \frac{13}{26} - \frac{3}{26} = \frac{10}{26} = \frac{5}{13}$$

$$\text{d) } \frac{26}{27} - \frac{17}{18} = \frac{52}{54} - \frac{51}{54} = \frac{1}{54}$$

$$\textcircled{3} \quad \text{a) } \frac{13}{15} - \frac{9}{20} = \frac{52}{60} - \frac{27}{60} = \frac{25}{60} = \frac{5}{12}$$

$$\text{b) } \frac{22}{23} - \frac{1}{2} = \frac{44}{46} - \frac{23}{46} = \frac{21}{46}$$

$$\text{c) } \frac{27}{34} - \frac{12}{17} = \frac{27}{34} - \frac{24}{34} = \frac{3}{34}$$

$$\text{d) } \frac{14}{17} - \frac{9}{34} = \frac{28}{34} - \frac{9}{34} = \frac{19}{34}$$

$$\textcircled{4} \quad \text{a) } \frac{11}{42} - \frac{2}{21} = \frac{11}{42} - \frac{4}{42} = \frac{7}{42} = \frac{1}{6}$$

$$\text{b) } \frac{11}{24} - \frac{5}{16} = \frac{22}{48} - \frac{15}{48} = \frac{7}{48}$$

$$\text{c) } \frac{23}{24} - \frac{7}{8} = \frac{23}{24} - \frac{21}{24} = \frac{2}{24} = \frac{1}{12}$$

$$\text{d) } \frac{8}{15} - \frac{23}{45} = \frac{24}{45} - \frac{23}{45} = \frac{1}{45}$$

$$\textcircled{5} \quad \text{a) } \frac{1}{2} - \frac{1}{7} = \frac{7}{14} - \frac{2}{14} = \frac{5}{14}$$

$$\text{b) } \frac{5}{6} - \frac{11}{15} = \frac{25}{30} - \frac{22}{30} = \frac{3}{30} = \frac{1}{10}$$

$$\text{c) } \frac{9}{17} - \frac{1}{34} = \frac{18}{34} - \frac{1}{34} = \frac{17}{34} = \frac{1}{2}$$

$$\text{d) } \frac{15}{32} - \frac{3}{16} = \frac{15}{32} - \frac{6}{32} = \frac{9}{32}$$