

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a)  $\frac{13}{22} - \frac{17}{44} =$

b)  $\frac{17}{21} - \frac{13}{42} =$

c)  $\frac{7}{16} - \frac{1}{4} =$

d)  $\frac{3}{5} - \frac{3}{25} =$

② a)  $\frac{13}{15} - \frac{19}{45} =$

b)  $\frac{21}{26} - \frac{10}{13} =$

c)  $\frac{9}{10} - \frac{9}{20} =$

d)  $\frac{23}{28} - \frac{1}{4} =$

③ a)  $\frac{4}{7} - \frac{23}{42} =$

b)  $\frac{7}{8} - \frac{17}{40} =$

c)  $\frac{11}{14} - \frac{5}{21} =$

d)  $\frac{1}{3} - \frac{4}{21} =$

④ a)  $\frac{1}{3} - \frac{4}{17} =$

b)  $\frac{2}{5} - \frac{17}{45} =$

c)  $\frac{3}{4} - \frac{5}{12} =$

d)  $\frac{21}{40} - \frac{1}{10} =$

⑤ a)  $\frac{17}{18} - \frac{22}{27} =$

b)  $\frac{20}{21} - \frac{11}{42} =$

c)  $\frac{25}{42} - \frac{1}{2} =$

d)  $\frac{19}{45} - \frac{4}{15} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{13}{22} - \frac{17}{44} = \frac{26}{44} - \frac{17}{44} = \frac{9}{44}$$

$$\text{b) } \frac{17}{21} - \frac{13}{42} = \frac{34}{42} - \frac{13}{42} = \frac{21}{42} = \frac{1}{2}$$

$$\text{c) } \frac{7}{16} - \frac{1}{4} = \frac{7}{16} - \frac{4}{16} = \frac{3}{16}$$

$$\text{d) } \frac{3}{5} - \frac{3}{25} = \frac{15}{25} - \frac{3}{25} = \frac{12}{25}$$

$$\textcircled{2} \quad \text{a) } \frac{13}{15} - \frac{19}{45} = \frac{39}{45} - \frac{19}{45} = \frac{20}{45} = \frac{4}{9}$$

$$\text{b) } \frac{21}{26} - \frac{10}{13} = \frac{21}{26} - \frac{20}{26} = \frac{1}{26}$$

$$\text{c) } \frac{9}{10} - \frac{9}{20} = \frac{18}{20} - \frac{9}{20} = \frac{9}{20}$$

$$\text{d) } \frac{23}{28} - \frac{1}{4} = \frac{23}{28} - \frac{7}{28} = \frac{16}{28} = \frac{4}{7}$$

$$\textcircled{3} \quad \text{a) } \frac{4}{7} - \frac{23}{42} = \frac{24}{42} - \frac{23}{42} = \frac{1}{42}$$

$$\text{b) } \frac{7}{8} - \frac{17}{40} = \frac{35}{40} - \frac{17}{40} = \frac{18}{40} = \frac{9}{20}$$

$$\text{c) } \frac{11}{14} - \frac{5}{21} = \frac{33}{42} - \frac{10}{42} = \frac{23}{42}$$

$$\text{d) } \frac{1}{3} - \frac{4}{21} = \frac{7}{21} - \frac{4}{21} = \frac{3}{21} = \frac{1}{7}$$

$$\textcircled{4} \quad \text{a) } \frac{1}{3} - \frac{4}{17} = \frac{17}{51} - \frac{12}{51} = \frac{5}{51}$$

$$\text{b) } \frac{2}{5} - \frac{17}{45} = \frac{18}{45} - \frac{17}{45} = \frac{1}{45}$$

$$\text{c) } \frac{3}{4} - \frac{5}{12} = \frac{9}{12} - \frac{5}{12} = \frac{4}{12} = \frac{1}{3}$$

$$\text{d) } \frac{21}{40} - \frac{1}{10} = \frac{21}{40} - \frac{4}{40} = \frac{17}{40}$$

$$\textcircled{5} \quad \text{a) } \frac{17}{18} - \frac{22}{27} = \frac{51}{54} - \frac{44}{54} = \frac{7}{54}$$

$$\text{b) } \frac{20}{21} - \frac{11}{42} = \frac{40}{42} - \frac{11}{42} = \frac{29}{42}$$

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

$$\text{d) } \frac{19}{45} - \frac{4}{15} = \frac{19}{45} - \frac{12}{45} = \frac{7}{45}$$