

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{22}{27} - \frac{13}{18} =$

b) $\frac{13}{14} - \frac{4}{21} =$

c) $\frac{3}{10} - \frac{1}{30} =$

d) $\frac{9}{10} - \frac{17}{20} =$

② a) $\frac{11}{20} - \frac{7}{15} =$

b) $\frac{7}{8} - \frac{7}{10} =$

c) $\frac{29}{38} - \frac{14}{19} =$

d) $\frac{1}{2} - \frac{5}{22} =$

③ a) $\frac{2}{3} - \frac{11}{18} =$

b) $\frac{10}{13} - \frac{1}{2} =$

c) $\frac{8}{9} - \frac{17}{27} =$

d) $\frac{6}{7} - \frac{23}{35} =$

④ a) $\frac{25}{44} - \frac{3}{11} =$

b) $\frac{20}{21} - \frac{2}{3} =$

c) $\frac{23}{34} - \frac{8}{17} =$

d) $\frac{25}{28} - \frac{1}{7} =$

⑤ a) $\frac{3}{5} - \frac{4}{25} =$

b) $\frac{3}{8} - \frac{7}{24} =$

c) $\frac{19}{30} - \frac{1}{15} =$

d) $\frac{7}{8} - \frac{23}{32} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{22}{27} - \frac{13}{18} = \frac{44}{54} - \frac{39}{54} = \frac{5}{54}$$

$$\text{b) } \frac{13}{14} - \frac{4}{21} = \frac{39}{42} - \frac{8}{42} = \frac{31}{42}$$

$$\text{c) } \frac{3}{10} - \frac{1}{30} = \frac{9}{30} - \frac{1}{30} = \frac{8}{30} = \frac{4}{15}$$

$$\text{d) } \frac{9}{10} - \frac{17}{20} = \frac{18}{20} - \frac{17}{20} = \frac{1}{20}$$

$$\textcircled{2} \quad \text{a) } \frac{11}{20} - \frac{7}{15} = \frac{33}{60} - \frac{28}{60} = \frac{5}{60} = \frac{1}{12}$$

$$\text{b) } \frac{7}{8} - \frac{7}{10} = \frac{35}{40} - \frac{28}{40} = \frac{7}{40}$$

$$\text{c) } \frac{29}{38} - \frac{14}{19} = \frac{29}{38} - \frac{28}{38} = \frac{1}{38}$$

$$\text{d) } \frac{1}{2} - \frac{5}{22} = \frac{11}{22} - \frac{5}{22} = \frac{6}{22} = \frac{3}{11}$$

$$\textcircled{3} \quad \text{a) } \frac{2}{3} - \frac{11}{18} = \frac{12}{18} - \frac{11}{18} = \frac{1}{18}$$

$$\text{b) } \frac{10}{13} - \frac{1}{2} = \frac{20}{26} - \frac{13}{26} = \frac{7}{26}$$

$$\text{c) } \frac{8}{9} - \frac{17}{27} = \frac{24}{27} - \frac{17}{27} = \frac{7}{27}$$

$$\text{d) } \frac{6}{7} - \frac{23}{35} = \frac{30}{35} - \frac{23}{35} = \frac{7}{35} = \frac{1}{5}$$

$$\textcircled{4} \quad \text{a) } \frac{25}{44} - \frac{3}{11} = \frac{25}{44} - \frac{12}{44} = \frac{13}{44}$$

$$\text{b) } \frac{20}{21} - \frac{2}{3} = \frac{20}{21} - \frac{14}{21} = \frac{6}{21} = \frac{2}{7}$$

$$\text{c) } \frac{23}{34} - \frac{8}{17} = \frac{23}{34} - \frac{16}{34} = \frac{7}{34}$$

$$\text{d) } \frac{25}{28} - \frac{1}{7} = \frac{25}{28} - \frac{4}{28} = \frac{21}{28} = \frac{3}{4}$$

$$\textcircled{5} \quad \text{a) } \frac{3}{5} - \frac{4}{25} = \frac{15}{25} - \frac{4}{25} = \frac{11}{25}$$

$$\text{b) } \frac{3}{8} - \frac{7}{24} = \frac{9}{24} - \frac{7}{24} = \frac{2}{24} = \frac{1}{12}$$

$$\text{c) } \frac{19}{30} - \frac{1}{15} = \frac{19}{30} - \frac{2}{30} = \frac{17}{30}$$

$$\text{d) } \frac{7}{8} - \frac{23}{32} = \frac{28}{32} - \frac{23}{32} = \frac{5}{32}$$