

Addiere die Brüche und wandle in einen gemischten Bruch um, falls möglich:

① a) $\frac{1}{7} + \frac{2}{35} =$

b) $\frac{3}{10} + \frac{1}{12} =$

c) $\frac{13}{38} + \frac{10}{19} =$

d) $\frac{7}{11} + \frac{4}{5} =$

② a) $\frac{3}{5} + \frac{17}{20} =$

b) $\frac{23}{42} + \frac{3}{7} =$

c) $\frac{6}{17} + \frac{1}{2} =$

d) $\frac{10}{11} + \frac{13}{22} =$

③ a) $\frac{1}{6} + \frac{17}{42} =$

b) $\frac{2}{7} + \frac{1}{5} =$

c) $\frac{10}{17} + \frac{23}{34} =$

d) $\frac{13}{34} + \frac{12}{17} =$

④ a) $\frac{4}{7} + \frac{2}{35} =$

b) $\frac{11}{14} + \frac{16}{21} =$

c) $\frac{3}{8} + \frac{19}{40} =$

d) $\frac{7}{13} + \frac{3}{26} =$

⑤ a) $\frac{23}{42} + \frac{2}{21} =$

b) $\frac{1}{4} + \frac{1}{36} =$

c) $\frac{9}{34} + \frac{6}{17} =$

d) $\frac{5}{9} + \frac{2}{3} =$

Addiere die Brüche und wandle in einen gemischten Bruch um, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{1}{7} + \frac{2}{35} = \frac{5}{35} + \frac{2}{35} = \frac{7}{35} = \frac{1}{5}$$

$$\text{b) } \frac{3}{10} + \frac{1}{12} = \frac{18}{60} + \frac{5}{60} = \frac{23}{60}$$

$$\text{c) } \frac{13}{38} + \frac{10}{19} = \frac{13}{38} + \frac{20}{38} = \frac{33}{38}$$

$$\text{d) } \frac{7}{11} + \frac{4}{5} = \frac{35}{55} + \frac{44}{55} = \frac{79}{55} = 1 \frac{24}{55}$$

$$\textcircled{2} \quad \text{a) } \frac{3}{5} + \frac{17}{20} = \frac{12}{20} + \frac{17}{20} = \frac{29}{20} = 1 \frac{9}{20}$$

$$\text{b) } \frac{23}{42} + \frac{3}{7} = \frac{23}{42} + \frac{18}{42} = \frac{41}{42}$$

$$\text{c) } \frac{6}{17} + \frac{1}{2} = \frac{12}{34} + \frac{17}{34} = \frac{29}{34}$$

$$\text{d) } \frac{10}{11} + \frac{13}{22} = \frac{20}{22} + \frac{13}{22} = \frac{33}{22} = 1 \frac{1}{2}$$

$$\textcircled{3} \quad \text{a) } \frac{1}{6} + \frac{17}{42} = \frac{7}{42} + \frac{17}{42} = \frac{24}{42} = \frac{4}{7}$$

$$\text{b) } \frac{2}{7} + \frac{1}{5} = \frac{10}{35} + \frac{7}{35} = \frac{17}{35}$$

$$\text{c) } \frac{10}{17} + \frac{23}{34} = \frac{20}{34} + \frac{23}{34} = \frac{43}{34} = 1 \frac{9}{34}$$

$$\text{d) } \frac{13}{34} + \frac{12}{17} = \frac{13}{34} + \frac{24}{34} = \frac{37}{34} = 1 \frac{3}{34}$$

$$\textcircled{4} \quad \text{a) } \frac{4}{7} + \frac{2}{35} = \frac{20}{35} + \frac{2}{35} = \frac{22}{35}$$

$$\text{b) } \frac{11}{14} + \frac{16}{21} = \frac{33}{42} + \frac{32}{42} = \frac{65}{42} = 1 \frac{23}{42}$$

$$\text{c) } \frac{3}{8} + \frac{19}{40} = \frac{15}{40} + \frac{19}{40} = \frac{34}{40} = \frac{17}{20}$$

$$\text{d) } \frac{7}{13} + \frac{3}{26} = \frac{14}{26} + \frac{3}{26} = \frac{17}{26}$$

$$\textcircled{5} \quad \text{a) } \frac{23}{42} + \frac{2}{21} = \frac{23}{42} + \frac{4}{42} = \frac{27}{42} = \frac{9}{14}$$

$$\text{b) } \frac{1}{4} + \frac{1}{36} = \frac{9}{36} + \frac{1}{36} = \frac{10}{36} = \frac{5}{18}$$

$$\text{c) } \frac{9}{34} + \frac{6}{17} = \frac{9}{34} + \frac{12}{34} = \frac{21}{34}$$

$$\text{d) } \frac{5}{9} + \frac{2}{3} = \frac{5}{9} + \frac{6}{9} = \frac{11}{9} = 1 \frac{2}{9}$$