

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

① a) $\frac{1}{10} + \frac{13}{40} =$

b) $\frac{4}{7} + \frac{3}{8} =$

c) $\frac{21}{38} + \frac{12}{19} =$

d) $\frac{5}{34} + \frac{1}{2} =$

② a) $\frac{9}{16} + \frac{7}{24} =$

b) $\frac{1}{22} + \frac{29}{44} =$

c) $\frac{4}{9} + \frac{26}{45} =$

d) $\frac{17}{35} + \frac{3}{5} =$

③ a) $\frac{5}{18} + \frac{1}{4} =$

b) $\frac{3}{4} + \frac{14}{15} =$

c) $\frac{8}{19} + \frac{3}{38} =$

d) $\frac{1}{5} + \frac{29}{45} =$

④ a) $\frac{11}{36} + \frac{7}{9} =$

b) $\frac{9}{11} + \frac{2}{5} =$

c) $\frac{3}{19} + \frac{1}{38} =$

d) $\frac{23}{38} + \frac{7}{19} =$

⑤ a) $\frac{11}{12} + \frac{4}{15} =$

b) $\frac{4}{5} + \frac{11}{25} =$

c) $\frac{3}{20} + \frac{2}{3} =$

d) $\frac{13}{17} + \frac{15}{34} =$

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

$$\textcircled{1} \quad \text{a) } \frac{1}{10} + \frac{13}{40} = \frac{4}{40} + \frac{13}{40} = \frac{17}{40}$$

$$\text{b) } \frac{4}{7} + \frac{3}{8} = \frac{32}{56} + \frac{21}{56} = \frac{53}{56}$$

$$\text{c) } \frac{21}{38} + \frac{12}{19} = \frac{21}{38} + \frac{24}{38} = \frac{45}{38} = 1\frac{7}{38}$$

$$\text{d) } \frac{5}{34} + \frac{1}{2} = \frac{5}{34} + \frac{17}{34} = \frac{22}{34} = \frac{11}{17}$$

$$\textcircled{2} \quad \text{a) } \frac{9}{16} + \frac{7}{24} = \frac{27}{48} + \frac{14}{48} = \frac{41}{48}$$

$$\text{b) } \frac{1}{22} + \frac{29}{44} = \frac{2}{44} + \frac{29}{44} = \frac{31}{44}$$

$$\text{c) } \frac{4}{9} + \frac{26}{45} = \frac{20}{45} + \frac{26}{45} = \frac{46}{45} = 1\frac{1}{45}$$

$$\text{d) } \frac{17}{35} + \frac{3}{5} = \frac{17}{35} + \frac{21}{35} = \frac{38}{35} = 1\frac{3}{35}$$

$$\textcircled{3} \quad \text{a) } \frac{5}{18} + \frac{1}{4} = \frac{10}{36} + \frac{9}{36} = \frac{19}{36}$$

$$\text{b) } \frac{3}{4} + \frac{14}{15} = \frac{45}{60} + \frac{56}{60} = \frac{101}{60} = 1\frac{41}{60}$$

$$\text{c) } \frac{8}{19} + \frac{3}{38} = \frac{16}{38} + \frac{3}{38} = \frac{19}{38} = \frac{1}{2}$$

$$\text{d) } \frac{1}{5} + \frac{29}{45} = \frac{9}{45} + \frac{29}{45} = \frac{38}{45}$$

$$\textcircled{4} \quad \text{a) } \frac{11}{36} + \frac{7}{9} = \frac{11}{36} + \frac{28}{36} = \frac{39}{36} = 1\frac{1}{12}$$

$$\text{b) } \frac{9}{11} + \frac{2}{5} = \frac{45}{55} + \frac{22}{55} = \frac{67}{55} = 1\frac{12}{55}$$

$$\text{c) } \frac{3}{19} + \frac{1}{38} = \frac{6}{38} + \frac{1}{38} = \frac{7}{38}$$

$$\text{d) } \frac{23}{38} + \frac{7}{19} = \frac{23}{38} + \frac{14}{38} = \frac{37}{38}$$

$$\textcircled{5} \quad \text{a) } \frac{11}{12} + \frac{4}{15} = \frac{55}{60} + \frac{16}{60} = \frac{71}{60} = 1\frac{11}{60}$$

$$\text{b) } \frac{4}{5} + \frac{11}{25} = \frac{20}{25} + \frac{11}{25} = \frac{31}{25} = 1\frac{6}{25}$$

$$\text{c) } \frac{3}{20} + \frac{2}{3} = \frac{9}{60} + \frac{40}{60} = \frac{49}{60}$$

$$\text{d) } \frac{13}{17} + \frac{15}{34} = \frac{26}{34} + \frac{15}{34} = \frac{41}{34} = 1\frac{7}{34}$$