

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

① a) $\frac{2}{3} + \frac{19}{30} =$

b) $\frac{1}{34} + \frac{16}{17} =$

c) $\frac{3}{7} + \frac{10}{21} =$

d) $\frac{18}{35} + \frac{2}{7} =$

② a) $\frac{23}{36} + \frac{5}{6} =$

b) $\frac{4}{21} + \frac{11}{14} =$

c) $\frac{8}{13} + \frac{7}{26} =$

d) $\frac{19}{20} + \frac{4}{5} =$

③ a) $\frac{13}{40} + \frac{1}{20} =$

b) $\frac{3}{22} + \frac{3}{4} =$

c) $\frac{9}{10} + \frac{11}{12} =$

d) $\frac{15}{38} + \frac{12}{19} =$

④ a) $\frac{8}{19} + \frac{1}{3} =$

b) $\frac{7}{10} + \frac{19}{25} =$

c) $\frac{29}{36} + \frac{11}{18} =$

d) $\frac{2}{45} + \frac{4}{15} =$

⑤ a) $\frac{6}{11} + \frac{8}{33} =$

b) $\frac{12}{17} + \frac{23}{34} =$

c) $\frac{5}{6} + \frac{1}{2} =$

d) $\frac{1}{18} + \frac{17}{27} =$

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

$$\textcircled{1} \quad \text{a) } \frac{2}{3} + \frac{19}{30} = \frac{20}{30} + \frac{19}{30} = \frac{39}{30} = 1 \frac{3}{10}$$

$$\text{b) } \frac{1}{34} + \frac{16}{17} = \frac{1}{34} + \frac{32}{34} = \frac{33}{34}$$

$$\text{c) } \frac{3}{7} + \frac{10}{21} = \frac{9}{21} + \frac{10}{21} = \frac{19}{21}$$

$$\text{d) } \frac{18}{35} + \frac{2}{7} = \frac{18}{35} + \frac{10}{35} = \frac{28}{35} = \frac{4}{5}$$

$$\textcircled{2} \quad \text{a) } \frac{23}{36} + \frac{5}{6} = \frac{23}{36} + \frac{30}{36} = \frac{53}{36} = 1 \frac{17}{36}$$

$$\text{b) } \frac{4}{21} + \frac{11}{14} = \frac{8}{42} + \frac{33}{42} = \frac{41}{42}$$

$$\text{c) } \frac{8}{13} + \frac{7}{26} = \frac{16}{26} + \frac{7}{26} = \frac{23}{26}$$

$$\text{d) } \frac{19}{20} + \frac{4}{5} = \frac{19}{20} + \frac{16}{20} = \frac{35}{20} = 1 \frac{3}{4}$$

$$\textcircled{3} \quad \text{a) } \frac{13}{40} + \frac{1}{20} = \frac{13}{40} + \frac{2}{40} = \frac{15}{40} = \frac{3}{8}$$

$$\text{b) } \frac{3}{22} + \frac{3}{4} = \frac{6}{44} + \frac{33}{44} = \frac{39}{44}$$

$$\text{c) } \frac{9}{10} + \frac{11}{12} = \frac{54}{60} + \frac{55}{60} = \frac{109}{60} = 1 \frac{49}{60}$$

$$\text{d) } \frac{15}{38} + \frac{12}{19} = \frac{15}{38} + \frac{24}{38} = \frac{39}{38} = 1 \frac{1}{38}$$

$$\textcircled{4} \quad \text{a) } \frac{8}{19} + \frac{1}{3} = \frac{24}{57} + \frac{19}{57} = \frac{43}{57}$$

$$\text{b) } \frac{7}{10} + \frac{19}{25} = \frac{35}{50} + \frac{38}{50} = \frac{73}{50} = 1 \frac{23}{50}$$

$$\text{c) } \frac{29}{36} + \frac{11}{18} = \frac{29}{36} + \frac{22}{36} = \frac{51}{36} = 1 \frac{5}{12}$$

$$\text{d) } \frac{2}{45} + \frac{4}{15} = \frac{2}{45} + \frac{12}{45} = \frac{14}{45}$$

$$\textcircled{5} \quad \text{a) } \frac{6}{11} + \frac{8}{33} = \frac{18}{33} + \frac{8}{33} = \frac{26}{33}$$

$$\text{b) } \frac{12}{17} + \frac{23}{34} = \frac{24}{34} + \frac{23}{34} = \frac{47}{34} = 1 \frac{13}{34}$$

$$\text{c) } \frac{5}{6} + \frac{1}{2} = \frac{5}{6} + \frac{3}{6} = \frac{8}{6} = 1 \frac{1}{3}$$

$$\text{d) } \frac{1}{18} + \frac{17}{27} = \frac{3}{54} + \frac{34}{54} = \frac{37}{54}$$