

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

① a) $\frac{11}{30} + \frac{7}{10} =$

b) $\frac{7}{16} + \frac{5}{12} =$

c) $\frac{16}{33} + \frac{2}{3} =$

d) $\frac{23}{35} + \frac{4}{7} =$

② a) $\frac{5}{17} + \frac{11}{34} =$

b) $\frac{18}{19} + \frac{23}{38} =$

c) $\frac{8}{13} + \frac{17}{26} =$

d) $\frac{7}{25} + \frac{1}{10} =$

③ a) $\frac{3}{11} + \frac{14}{33} =$

b) $\frac{9}{13} + \frac{21}{26} =$

c) $\frac{7}{9} + \frac{4}{15} =$

d) $\frac{1}{3} + \frac{2}{5} =$

④ a) $\frac{5}{21} + \frac{5}{6} =$

b) $\frac{11}{12} + \frac{3}{20} =$

c) $\frac{9}{28} + \frac{1}{14} =$

d) $\frac{1}{15} + \frac{7}{10} =$

⑤ a) $\frac{13}{14} + \frac{19}{21} =$

b) $\frac{2}{9} + \frac{26}{27} =$

c) $\frac{17}{19} + \frac{3}{38} =$

d) $\frac{27}{34} + \frac{10}{17} =$

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

$$\textcircled{1} \quad \text{a) } \frac{11}{30} + \frac{7}{10} = \frac{11}{30} + \frac{21}{30} = \frac{32}{30} = 1 \frac{1}{15}$$

$$\text{b) } \frac{7}{16} + \frac{5}{12} = \frac{21}{48} + \frac{20}{48} = \frac{41}{48}$$

$$\text{c) } \frac{16}{33} + \frac{2}{3} = \frac{16}{33} + \frac{22}{33} = \frac{38}{33} = 1 \frac{5}{33}$$

$$\text{d) } \frac{23}{35} + \frac{4}{7} = \frac{23}{35} + \frac{20}{35} = \frac{43}{35} = 1 \frac{8}{35}$$

$$\textcircled{2} \quad \text{a) } \frac{5}{17} + \frac{11}{34} = \frac{10}{34} + \frac{11}{34} = \frac{21}{34}$$

$$\text{b) } \frac{18}{19} + \frac{23}{38} = \frac{36}{38} + \frac{23}{38} = \frac{59}{38} = 1 \frac{21}{38}$$

$$\text{c) } \frac{8}{13} + \frac{17}{26} = \frac{16}{26} + \frac{17}{26} = \frac{33}{26} = 1 \frac{7}{26}$$

$$\text{d) } \frac{7}{25} + \frac{1}{10} = \frac{14}{50} + \frac{5}{50} = \frac{19}{50}$$

$$\textcircled{3} \quad \text{a) } \frac{3}{11} + \frac{14}{33} = \frac{9}{33} + \frac{14}{33} = \frac{23}{33}$$

$$\text{b) } \frac{9}{13} + \frac{21}{26} = \frac{18}{26} + \frac{21}{26} = \frac{39}{26} = 1 \frac{1}{2}$$

$$\text{c) } \frac{7}{9} + \frac{4}{15} = \frac{35}{45} + \frac{12}{45} = \frac{47}{45} = 1 \frac{2}{45}$$

$$\text{d) } \frac{1}{3} + \frac{2}{5} = \frac{5}{15} + \frac{6}{15} = \frac{11}{15}$$

$$\textcircled{4} \quad \text{a) } \frac{5}{21} + \frac{5}{6} = \frac{10}{42} + \frac{35}{42} = \frac{45}{42} = 1 \frac{1}{14}$$

$$\text{b) } \frac{11}{12} + \frac{3}{20} = \frac{55}{60} + \frac{9}{60} = \frac{64}{60} = 1 \frac{1}{15}$$

$$\text{c) } \frac{9}{28} + \frac{1}{14} = \frac{9}{28} + \frac{2}{28} = \frac{11}{28}$$

$$\text{d) } \frac{1}{15} + \frac{7}{10} = \frac{2}{30} + \frac{21}{30} = \frac{23}{30}$$

$$\textcircled{5} \quad \text{a) } \frac{13}{14} + \frac{19}{21} = \frac{39}{42} + \frac{38}{42} = \frac{77}{42} = 1 \frac{5}{6}$$

$$\text{b) } \frac{2}{9} + \frac{26}{27} = \frac{6}{27} + \frac{26}{27} = \frac{32}{27} = 1 \frac{5}{27}$$

$$\text{c) } \frac{17}{19} + \frac{3}{38} = \frac{34}{38} + \frac{3}{38} = \frac{37}{38}$$

$$\text{d) } \frac{27}{34} + \frac{10}{17} = \frac{27}{34} + \frac{20}{34} = \frac{47}{34} = 1 \frac{13}{34}$$