

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

① a) $\frac{19}{20} + \frac{1}{40} =$

b) $\frac{2}{15} + \frac{5}{6} =$

c) $\frac{11}{14} + \frac{15}{28} =$

d) $\frac{17}{22} + \frac{19}{44} =$

② a) $\frac{1}{8} + \frac{11}{16} =$

b) $\frac{7}{36} + \frac{17}{18} =$

c) $\frac{21}{38} + \frac{9}{19} =$

d) $\frac{11}{19} + \frac{1}{38} =$

③ a) $\frac{1}{16} + \frac{3}{32} =$

b) $\frac{9}{20} + \frac{11}{15} =$

c) $\frac{15}{17} + \frac{19}{34} =$

d) $\frac{7}{11} + \frac{1}{5} =$

④ a) $\frac{18}{25} + \frac{9}{10} =$

b) $\frac{1}{36} + \frac{13}{18} =$

c) $\frac{7}{44} + \frac{17}{22} =$

d) $\frac{3}{4} + \frac{8}{13} =$

⑤ a) $\frac{11}{21} + \frac{5}{42} =$

b) $\frac{12}{25} + \frac{3}{10} =$

c) $\frac{23}{40} + \frac{4}{5} =$

d) $\frac{10}{21} + \frac{5}{6} =$

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

$$\textcircled{1} \quad \text{a) } \frac{19}{20} + \frac{1}{40} = \frac{38}{40} + \frac{1}{40} = \frac{39}{40}$$

$$\text{b) } \frac{2}{15} + \frac{5}{6} = \frac{4}{30} + \frac{25}{30} = \frac{29}{30}$$

$$\text{c) } \frac{11}{14} + \frac{15}{28} = \frac{22}{28} + \frac{15}{28} = \frac{37}{28} = 1\frac{9}{28}$$

$$\text{d) } \frac{17}{22} + \frac{19}{44} = \frac{34}{44} + \frac{19}{44} = \frac{53}{44} = 1\frac{9}{44}$$

$$\textcircled{2} \quad \text{a) } \frac{1}{8} + \frac{11}{16} = \frac{2}{16} + \frac{11}{16} = \frac{13}{16}$$

$$\text{b) } \frac{7}{36} + \frac{17}{18} = \frac{7}{36} + \frac{34}{36} = \frac{41}{36} = 1\frac{5}{36}$$

$$\text{c) } \frac{21}{38} + \frac{9}{19} = \frac{21}{38} + \frac{18}{38} = \frac{39}{38} = 1\frac{1}{38}$$

$$\text{d) } \frac{11}{19} + \frac{1}{38} = \frac{22}{38} + \frac{1}{38} = \frac{23}{38}$$

$$\textcircled{3} \quad \text{a) } \frac{1}{16} + \frac{3}{32} = \frac{2}{32} + \frac{3}{32} = \frac{5}{32}$$

$$\text{b) } \frac{9}{20} + \frac{11}{15} = \frac{27}{60} + \frac{44}{60} = \frac{71}{60} = 1\frac{11}{60}$$

$$\text{c) } \frac{15}{17} + \frac{19}{34} = \frac{30}{34} + \frac{19}{34} = \frac{49}{34} = 1\frac{15}{34}$$

$$\text{d) } \frac{7}{11} + \frac{1}{5} = \frac{35}{55} + \frac{11}{55} = \frac{46}{55}$$

$$\textcircled{4} \quad \text{a) } \frac{18}{25} + \frac{9}{10} = \frac{36}{50} + \frac{45}{50} = \frac{81}{50} = 1\frac{31}{50}$$

$$\text{b) } \frac{1}{36} + \frac{13}{18} = \frac{1}{36} + \frac{26}{36} = \frac{27}{36} = \frac{3}{4}$$

$$\text{c) } \frac{7}{44} + \frac{17}{22} = \frac{7}{44} + \frac{34}{44} = \frac{41}{44}$$

$$\text{d) } \frac{3}{4} + \frac{8}{13} = \frac{39}{52} + \frac{32}{52} = \frac{71}{52} = 1\frac{19}{52}$$

$$\textcircled{5} \quad \text{a) } \frac{11}{21} + \frac{5}{42} = \frac{22}{42} + \frac{5}{42} = \frac{27}{42} = \frac{9}{14}$$

$$\text{b) } \frac{12}{25} + \frac{3}{10} = \frac{24}{50} + \frac{15}{50} = \frac{39}{50}$$

$$\text{c) } \frac{23}{40} + \frac{4}{5} = \frac{23}{40} + \frac{32}{40} = \frac{55}{40} = 1\frac{3}{8}$$

$$\text{d) } \frac{10}{21} + \frac{5}{6} = \frac{20}{42} + \frac{35}{42} = \frac{55}{42} = 1\frac{13}{42}$$