

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

① a) $\frac{11}{12} + \frac{5}{16} =$

b) $\frac{5}{8} + \frac{7}{20} =$

c) $\frac{3}{20} + \frac{2}{5} =$

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

② a) $\frac{11}{24} + \frac{13}{16} =$

b) $\frac{3}{10} + \frac{17}{25} =$

c) $\frac{1}{6} + \frac{1}{36} =$

d) $\frac{26}{35} + \frac{3}{7} =$

③ a) $\frac{4}{7} + \frac{9}{14} =$

b) $\frac{7}{32} + \frac{1}{16} =$

c) $\frac{11}{42} + \frac{10}{21} =$

d) $\frac{21}{40} + \frac{7}{8} =$

④ a) $\frac{6}{7} + \frac{25}{28} =$

b) $\frac{9}{38} + \frac{10}{19} =$

c) $\frac{2}{9} + \frac{17}{36} =$

d) $\frac{10}{11} + \frac{5}{22} =$

⑤ a) $\frac{1}{2} + \frac{11}{20} =$

b) $\frac{22}{45} + \frac{1}{5} =$

c) $\frac{9}{16} + \frac{5}{12} =$

d) $\frac{19}{20} + \frac{14}{15} =$

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

$$\textcircled{1} \quad \text{a) } \frac{11}{12} + \frac{5}{16} = \frac{44}{48} + \frac{15}{48} = \frac{59}{48} = 1 \frac{11}{48}$$

$$\text{b) } \frac{5}{8} + \frac{7}{20} = \frac{25}{40} + \frac{14}{40} = \frac{39}{40}$$

$$\text{c) } \frac{3}{20} + \frac{2}{5} = \frac{3}{20} + \frac{8}{20} = \frac{11}{20}$$

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

$$\textcircled{2} \quad \text{a) } \frac{11}{24} + \frac{13}{16} = \frac{22}{48} + \frac{39}{48} = \frac{61}{48} = 1 \frac{13}{48}$$

$$\text{b) } \frac{3}{10} + \frac{17}{25} = \frac{15}{50} + \frac{34}{50} = \frac{49}{50}$$

$$\text{c) } \frac{1}{6} + \frac{1}{36} = \frac{6}{36} + \frac{1}{36} = \frac{7}{36}$$

$$\text{d) } \frac{26}{35} + \frac{3}{7} = \frac{26}{35} + \frac{15}{35} = \frac{41}{35} = 1 \frac{6}{35}$$

$$\textcircled{3} \quad \text{a) } \frac{4}{7} + \frac{9}{14} = \frac{8}{14} + \frac{9}{14} = \frac{17}{14} = 1 \frac{3}{14}$$

$$\text{b) } \frac{7}{32} + \frac{1}{16} = \frac{7}{32} + \frac{2}{32} = \frac{9}{32}$$

$$\text{c) } \frac{11}{42} + \frac{10}{21} = \frac{11}{42} + \frac{20}{42} = \frac{31}{42}$$

$$\text{d) } \frac{21}{40} + \frac{7}{8} = \frac{21}{40} + \frac{35}{40} = \frac{56}{40} = 1 \frac{2}{5}$$

$$\textcircled{4} \quad \text{a) } \frac{6}{7} + \frac{25}{28} = \frac{24}{28} + \frac{25}{28} = \frac{49}{28} = 1 \frac{3}{4}$$

$$\text{b) } \frac{9}{38} + \frac{10}{19} = \frac{9}{38} + \frac{20}{38} = \frac{29}{38}$$

$$\text{c) } \frac{2}{9} + \frac{17}{36} = \frac{8}{36} + \frac{17}{36} = \frac{25}{36}$$

$$\text{d) } \frac{10}{11} + \frac{5}{22} = \frac{20}{22} + \frac{5}{22} = \frac{25}{22} = 1 \frac{3}{22}$$

$$\textcircled{5} \quad \text{a) } \frac{1}{2} + \frac{11}{20} = \frac{10}{20} + \frac{11}{20} = \frac{21}{20} = 1 \frac{1}{20}$$

$$\text{b) } \frac{22}{45} + \frac{1}{5} = \frac{22}{45} + \frac{9}{45} = \frac{31}{45}$$

$$\text{c) } \frac{9}{16} + \frac{5}{12} = \frac{27}{48} + \frac{20}{48} = \frac{47}{48}$$

$$\text{d) } \frac{19}{20} + \frac{14}{15} = \frac{57}{60} + \frac{56}{60} = \frac{113}{60} = 1 \frac{53}{60}$$