

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

① a)  $\frac{13}{19} + \frac{29}{38} =$

b)  $\frac{3}{8} + \frac{7}{16} =$

c)  $\frac{18}{25} + \frac{1}{10} =$

d)  $\frac{13}{21} + \frac{4}{7} =$

② a)  $\frac{1}{2} + \frac{14}{27} =$

b)  $\frac{29}{39} + \frac{1}{13} =$

c)  $\frac{20}{21} + \frac{17}{42} =$

d)  $\frac{1}{12} + \frac{3}{4} =$

③ a)  $\frac{6}{7} + \frac{2}{35} =$

b)  $\frac{19}{34} + \frac{11}{17} =$

c)  $\frac{11}{12} + \frac{1}{4} =$

d)  $\frac{1}{6} + \frac{5}{16} =$

④ a)  $\frac{8}{19} + \frac{21}{38} =$

b)  $\frac{4}{5} + \frac{8}{15} =$

c)  $\frac{9}{10} + \frac{5}{12} =$

d)  $\frac{2}{11} + \frac{20}{33} =$

⑤ a)  $\frac{11}{20} + \frac{13}{30} =$

b)  $\frac{15}{17} + \frac{5}{34} =$

c)  $\frac{23}{26} + \frac{4}{13} =$

d)  $\frac{3}{16} + \frac{7}{32} =$

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

$$\textcircled{1} \quad \text{a) } \frac{13}{19} + \frac{29}{38} = \frac{26}{38} + \frac{29}{38} = \frac{55}{38} = 1 \frac{17}{38}$$

$$\text{b) } \frac{3}{8} + \frac{7}{16} = \frac{6}{16} + \frac{7}{16} = \frac{13}{16}$$

$$\text{c) } \frac{18}{25} + \frac{1}{10} = \frac{36}{50} + \frac{5}{50} = \frac{41}{50}$$

$$\text{d) } \frac{13}{21} + \frac{4}{7} = \frac{13}{21} + \frac{12}{21} = \frac{25}{21} = 1 \frac{4}{21}$$

$$\textcircled{2} \quad \text{a) } \frac{1}{2} + \frac{14}{27} = \frac{27}{54} + \frac{28}{54} = \frac{55}{54} = 1 \frac{1}{54}$$

$$\text{b) } \frac{29}{39} + \frac{1}{13} = \frac{29}{39} + \frac{3}{39} = \frac{32}{39}$$

$$\text{c) } \frac{20}{21} + \frac{17}{42} = \frac{40}{42} + \frac{17}{42} = \frac{57}{42} = 1 \frac{5}{14}$$

$$\text{d) } \frac{1}{12} + \frac{3}{4} = \frac{1}{12} + \frac{9}{12} = \frac{10}{12} = \frac{5}{6}$$

$$\textcircled{3} \quad \text{a) } \frac{6}{7} + \frac{2}{35} = \frac{30}{35} + \frac{2}{35} = \frac{32}{35}$$

$$\text{b) } \frac{19}{34} + \frac{11}{17} = \frac{19}{34} + \frac{22}{34} = \frac{41}{34} = 1 \frac{7}{34}$$

$$\text{c) } \frac{11}{12} + \frac{1}{4} = \frac{11}{12} + \frac{3}{12} = \frac{14}{12} = 1 \frac{1}{6}$$

$$\text{d) } \frac{1}{6} + \frac{5}{16} = \frac{8}{48} + \frac{15}{48} = \frac{23}{48}$$

$$\textcircled{4} \quad \text{a) } \frac{8}{19} + \frac{21}{38} = \frac{16}{38} + \frac{21}{38} = \frac{37}{38}$$

$$\text{b) } \frac{4}{5} + \frac{8}{15} = \frac{12}{15} + \frac{8}{15} = \frac{20}{15} = 1 \frac{1}{3}$$

$$\text{c) } \frac{9}{10} + \frac{5}{12} = \frac{54}{60} + \frac{25}{60} = \frac{79}{60} = 1 \frac{19}{60}$$

$$\text{d) } \frac{2}{11} + \frac{20}{33} = \frac{6}{33} + \frac{20}{33} = \frac{26}{33}$$

$$\textcircled{5} \quad \text{a) } \frac{11}{20} + \frac{13}{30} = \frac{33}{60} + \frac{26}{60} = \frac{59}{60}$$

$$\text{b) } \frac{15}{17} + \frac{5}{34} = \frac{30}{34} + \frac{5}{34} = \frac{35}{34} = 1 \frac{1}{34}$$

$$\text{c) } \frac{23}{26} + \frac{4}{13} = \frac{23}{26} + \frac{8}{26} = \frac{31}{26} = 1 \frac{5}{26}$$

$$\text{d) } \frac{3}{16} + \frac{7}{32} = \frac{6}{32} + \frac{7}{32} = \frac{13}{32}$$