

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

① a)  $\frac{23}{42} + \frac{11}{21} =$

b)  $\frac{11}{38} + \frac{2}{19} =$

c)  $\frac{1}{20} + \frac{1}{8} =$

d)  $\frac{27}{44} + \frac{21}{22} =$

② a)  $\frac{19}{35} + \frac{5}{7} =$

b)  $\frac{5}{34} + \frac{4}{17} =$

c)  $\frac{9}{19} + \frac{13}{38} =$

d)  $\frac{3}{8} + \frac{9}{40} =$

③ a)  $\frac{1}{42} + \frac{1}{14} =$

b)  $\frac{5}{33} + \frac{6}{11} =$

c)  $\frac{7}{8} + \frac{29}{40} =$

d)  $\frac{13}{16} + \frac{27}{32} =$

④ a)  $\frac{5}{6} + \frac{1}{7} =$

b)  $\frac{8}{9} + \frac{5}{27} =$

c)  $\frac{17}{28} + \frac{3}{4} =$

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

⑤ a)  $\frac{19}{33} + \frac{7}{11} =$

b)  $\frac{29}{39} + \frac{11}{13} =$

c)  $\frac{2}{17} + \frac{1}{2} =$

d)  $\frac{11}{35} + \frac{2}{7} =$

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

$$\textcircled{1} \quad \text{a) } \frac{23}{42} + \frac{11}{21} = \frac{23}{42} + \frac{22}{42} = \frac{45}{42} = 1 \frac{1}{14}$$

$$\text{b) } \frac{11}{38} + \frac{2}{19} = \frac{11}{38} + \frac{4}{38} = \frac{15}{38}$$

$$\text{c) } \frac{1}{20} + \frac{1}{8} = \frac{2}{40} + \frac{5}{40} = \frac{7}{40}$$

$$\text{d) } \frac{27}{44} + \frac{21}{22} = \frac{27}{44} + \frac{42}{44} = \frac{69}{44} = 1 \frac{25}{44}$$

$$\textcircled{2} \quad \text{a) } \frac{19}{35} + \frac{5}{7} = \frac{19}{35} + \frac{25}{35} = \frac{44}{35} = 1 \frac{9}{35}$$

$$\text{b) } \frac{5}{34} + \frac{4}{17} = \frac{5}{34} + \frac{8}{34} = \frac{13}{34}$$

$$\text{c) } \frac{9}{19} + \frac{13}{38} = \frac{18}{38} + \frac{13}{38} = \frac{31}{38}$$

$$\text{d) } \frac{3}{8} + \frac{9}{40} = \frac{15}{40} + \frac{9}{40} = \frac{24}{40} = \frac{3}{5}$$

$$\textcircled{3} \quad \text{a) } \frac{1}{42} + \frac{1}{14} = \frac{1}{42} + \frac{3}{42} = \frac{4}{42} = \frac{2}{21}$$

$$\text{b) } \frac{5}{33} + \frac{6}{11} = \frac{5}{33} + \frac{18}{33} = \frac{23}{33}$$

$$\text{c) } \frac{7}{8} + \frac{29}{40} = \frac{35}{40} + \frac{29}{40} = \frac{64}{40} = 1 \frac{3}{5}$$

$$\text{d) } \frac{13}{16} + \frac{27}{32} = \frac{26}{32} + \frac{27}{32} = \frac{53}{32} = 1 \frac{21}{32}$$

$$\textcircled{4} \quad \text{a) } \frac{5}{6} + \frac{1}{7} = \frac{35}{42} + \frac{6}{42} = \frac{41}{42}$$

$$\text{b) } \frac{8}{9} + \frac{5}{27} = \frac{24}{27} + \frac{5}{27} = \frac{29}{27} = 1 \frac{2}{27}$$

$$\text{c) } \frac{17}{28} + \frac{3}{4} = \frac{17}{28} + \frac{21}{28} = \frac{38}{28} = 1 \frac{5}{14}$$

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

$$\textcircled{5} \quad \text{a) } \frac{19}{33} + \frac{7}{11} = \frac{19}{33} + \frac{21}{33} = \frac{40}{33} = 1 \frac{7}{33}$$

$$\text{b) } \frac{29}{39} + \frac{11}{13} = \frac{29}{39} + \frac{33}{39} = \frac{62}{39} = 1 \frac{23}{39}$$

$$\text{c) } \frac{2}{17} + \frac{1}{2} = \frac{4}{34} + \frac{17}{34} = \frac{21}{34}$$

$$\text{d) } \frac{11}{35} + \frac{2}{7} = \frac{11}{35} + \frac{10}{35} = \frac{21}{35} = \frac{3}{5}$$