

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

① a)  $\frac{11}{15} + \frac{2}{9} =$

b)  $\frac{27}{44} + \frac{1}{11} =$

c)  $\frac{17}{32} + \frac{9}{16} =$

d)  $\frac{7}{8} + \frac{17}{28} =$

② a)  $\frac{13}{21} + \frac{1}{14} =$

b)  $\frac{3}{11} + \frac{4}{5} =$

c)  $\frac{1}{6} + \frac{16}{21} =$

d)  $\frac{21}{34} + \frac{1}{17} =$

③ a)  $\frac{3}{40} + \frac{7}{20} =$

b)  $\frac{19}{21} + \frac{5}{7} =$

c)  $\frac{5}{12} + \frac{1}{4} =$

d)  $\frac{1}{18} + \frac{17}{36} =$

④ a)  $\frac{8}{13} + \frac{29}{39} =$

b)  $\frac{11}{15} + \frac{3}{5} =$

c)  $\frac{7}{34} + \frac{10}{17} =$

d)  $\frac{5}{33} + \frac{2}{11} =$

⑤ a)  $\frac{13}{14} + \frac{19}{42} =$

b)  $\frac{8}{11} + \frac{5}{22} =$

c)  $\frac{14}{39} + \frac{2}{3} =$

d)  $\frac{15}{19} + \frac{13}{38} =$

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

$$\textcircled{1} \quad \text{a) } \frac{11}{15} + \frac{2}{9} = \frac{33}{45} + \frac{10}{45} = \frac{43}{45}$$

$$\text{b) } \frac{27}{44} + \frac{1}{11} = \frac{27}{44} + \frac{4}{44} = \frac{31}{44}$$

$$\text{c) } \frac{17}{32} + \frac{9}{16} = \frac{17}{32} + \frac{18}{32} = \frac{35}{32} = 1 \frac{3}{32}$$

$$\text{d) } \frac{7}{8} + \frac{17}{28} = \frac{49}{56} + \frac{34}{56} = \frac{83}{56} = 1 \frac{27}{56}$$

$$\textcircled{2} \quad \text{a) } \frac{13}{21} + \frac{1}{14} = \frac{26}{42} + \frac{3}{42} = \frac{29}{42}$$

$$\text{b) } \frac{3}{11} + \frac{4}{5} = \frac{15}{55} + \frac{44}{55} = \frac{59}{55} = 1 \frac{4}{55}$$

$$\text{c) } \frac{1}{6} + \frac{16}{21} = \frac{7}{42} + \frac{32}{42} = \frac{39}{42} = \frac{13}{14}$$

$$\text{d) } \frac{21}{34} + \frac{1}{17} = \frac{21}{34} + \frac{2}{34} = \frac{23}{34}$$

$$\textcircled{3} \quad \text{a) } \frac{3}{40} + \frac{7}{20} = \frac{3}{40} + \frac{14}{40} = \frac{17}{40}$$

$$\text{b) } \frac{19}{21} + \frac{5}{7} = \frac{19}{21} + \frac{15}{21} = \frac{34}{21} = 1 \frac{13}{21}$$

$$\text{c) } \frac{5}{12} + \frac{1}{4} = \frac{5}{12} + \frac{3}{12} = \frac{8}{12} = \frac{2}{3}$$

$$\text{d) } \frac{1}{18} + \frac{17}{36} = \frac{2}{36} + \frac{17}{36} = \frac{19}{36}$$

$$\textcircled{4} \quad \text{a) } \frac{8}{13} + \frac{29}{39} = \frac{24}{39} + \frac{29}{39} = \frac{53}{39} = 1 \frac{14}{39}$$

$$\text{b) } \frac{11}{15} + \frac{3}{5} = \frac{11}{15} + \frac{9}{15} = \frac{20}{15} = 1 \frac{1}{3}$$

$$\text{c) } \frac{7}{34} + \frac{10}{17} = \frac{7}{34} + \frac{20}{34} = \frac{27}{34}$$

$$\text{d) } \frac{5}{33} + \frac{2}{11} = \frac{5}{33} + \frac{6}{33} = \frac{11}{33} = \frac{1}{3}$$

$$\textcircled{5} \quad \text{a) } \frac{13}{14} + \frac{19}{42} = \frac{39}{42} + \frac{19}{42} = \frac{58}{42} = 1 \frac{8}{21}$$

$$\text{b) } \frac{8}{11} + \frac{5}{22} = \frac{16}{22} + \frac{5}{22} = \frac{21}{22}$$

$$\text{c) } \frac{14}{39} + \frac{2}{3} = \frac{14}{39} + \frac{26}{39} = \frac{40}{39} = 1 \frac{1}{39}$$

$$\text{d) } \frac{15}{19} + \frac{13}{38} = \frac{30}{38} + \frac{13}{38} = \frac{43}{38} = 1 \frac{5}{38}$$