

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

① a)  $\frac{13}{44} + \frac{9}{22} =$

b)  $\frac{1}{5} + \frac{4}{7} =$

c)  $\frac{8}{11} + \frac{29}{44} =$

d)  $\frac{6}{7} + \frac{5}{8} =$

② a)  $\frac{17}{33} + \frac{4}{11} =$

b)  $\frac{16}{29} + \frac{1}{2} =$

c)  $\frac{11}{13} + \frac{19}{26} =$

d)  $\frac{3}{16} + \frac{17}{24} =$

③ a)  $\frac{1}{3} + \frac{11}{14} =$

b)  $\frac{11}{15} + \frac{5}{12} =$

c)  $\frac{5}{22} + \frac{2}{11} =$

d)  $\frac{4}{45} + \frac{1}{9} =$

④ a)  $\frac{1}{16} + \frac{23}{24} =$

b)  $\frac{3}{13} + \frac{25}{39} =$

c)  $\frac{15}{28} + \frac{2}{7} =$

d)  $\frac{7}{40} + \frac{1}{8} =$

⑤ a)  $\frac{19}{42} + \frac{4}{21} =$

b)  $\frac{3}{20} + \frac{17}{40} =$

c)  $\frac{5}{18} + \frac{5}{36} =$

d)  $\frac{7}{9} + \frac{20}{27} =$

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

$$\textcircled{1} \quad \text{a) } \frac{13}{44} + \frac{9}{22} = \frac{13}{44} + \frac{18}{44} = \frac{31}{44}$$

$$\text{b) } \frac{1}{5} + \frac{4}{7} = \frac{7}{35} + \frac{20}{35} = \frac{27}{35}$$

$$\text{c) } \frac{8}{11} + \frac{29}{44} = \frac{32}{44} + \frac{29}{44} = \frac{61}{44} = 1 \frac{17}{44}$$

$$\text{d) } \frac{6}{7} + \frac{5}{8} = \frac{48}{56} + \frac{35}{56} = \frac{83}{56} = 1 \frac{27}{56}$$

$$\textcircled{2} \quad \text{a) } \frac{17}{33} + \frac{4}{11} = \frac{17}{33} + \frac{12}{33} = \frac{29}{33}$$

$$\text{b) } \frac{16}{29} + \frac{1}{2} = \frac{32}{58} + \frac{29}{58} = \frac{61}{58} = 1 \frac{3}{58}$$

$$\text{c) } \frac{11}{13} + \frac{19}{26} = \frac{22}{26} + \frac{19}{26} = \frac{41}{26} = 1 \frac{15}{26}$$

$$\text{d) } \frac{3}{16} + \frac{17}{24} = \frac{9}{48} + \frac{34}{48} = \frac{43}{48}$$

$$\textcircled{3} \quad \text{a) } \frac{1}{3} + \frac{11}{14} = \frac{14}{42} + \frac{33}{42} = \frac{47}{42} = 1 \frac{5}{42}$$

$$\text{b) } \frac{11}{15} + \frac{5}{12} = \frac{44}{60} + \frac{25}{60} = \frac{69}{60} = 1 \frac{3}{20}$$

$$\text{c) } \frac{5}{22} + \frac{2}{11} = \frac{5}{22} + \frac{4}{22} = \frac{9}{22}$$

$$\text{d) } \frac{4}{45} + \frac{1}{9} = \frac{4}{45} + \frac{5}{45} = \frac{9}{45} = \frac{1}{5}$$

$$\textcircled{4} \quad \text{a) } \frac{1}{16} + \frac{23}{24} = \frac{3}{48} + \frac{46}{48} = \frac{49}{48} = 1 \frac{1}{48}$$

$$\text{b) } \frac{3}{13} + \frac{25}{39} = \frac{9}{39} + \frac{25}{39} = \frac{34}{39}$$

$$\text{c) } \frac{15}{28} + \frac{2}{7} = \frac{15}{28} + \frac{8}{28} = \frac{23}{28}$$

$$\text{d) } \frac{7}{40} + \frac{1}{8} = \frac{7}{40} + \frac{5}{40} = \frac{12}{40} = \frac{3}{10}$$

$$\textcircled{5} \quad \text{a) } \frac{19}{42} + \frac{4}{21} = \frac{19}{42} + \frac{8}{42} = \frac{27}{42} = \frac{9}{14}$$

$$\text{b) } \frac{3}{20} + \frac{17}{40} = \frac{6}{40} + \frac{17}{40} = \frac{23}{40}$$

$$\text{c) } \frac{5}{18} + \frac{5}{36} = \frac{10}{36} + \frac{5}{36} = \frac{15}{36} = \frac{5}{12}$$

$$\text{d) } \frac{7}{9} + \frac{20}{27} = \frac{21}{27} + \frac{20}{27} = \frac{41}{27} = 1 \frac{14}{27}$$