

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

① a) $\frac{1}{4} + \frac{7}{18} =$

b) $\frac{13}{19} + \frac{3}{38} =$

c) $\frac{5}{6} + \frac{11}{27} =$

d) $\frac{7}{9} + \frac{14}{15} =$

② a) $\frac{17}{45} + \frac{1}{3} =$

b) $\frac{19}{27} + \frac{13}{18} =$

c) $\frac{4}{15} + \frac{8}{45} =$

d) $\frac{15}{26} + \frac{4}{13} =$

③ a) $\frac{11}{34} + \frac{1}{2} =$

b) $\frac{10}{11} + \frac{5}{33} =$

c) $\frac{7}{39} + \frac{10}{13} =$

d) $\frac{9}{20} + \frac{19}{40} =$

④ a) $\frac{5}{7} + \frac{24}{35} =$

b) $\frac{23}{38} + \frac{12}{19} =$

c) $\frac{16}{25} + \frac{3}{10} =$

d) $\frac{1}{3} + \frac{2}{15} =$

⑤ a) $\frac{26}{27} + \frac{1}{6} =$

b) $\frac{9}{28} + \frac{7}{8} =$

c) $\frac{2}{11} + \frac{13}{33} =$

d) $\frac{5}{14} + \frac{1}{2} =$

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

$$\textcircled{1} \quad \text{a) } \frac{1}{4} + \frac{7}{18} = \frac{9}{36} + \frac{14}{36} = \frac{23}{36}$$

$$\text{b) } \frac{13}{19} + \frac{3}{38} = \frac{26}{38} + \frac{3}{38} = \frac{29}{38}$$

$$\text{c) } \frac{5}{6} + \frac{11}{27} = \frac{45}{54} + \frac{22}{54} = \frac{67}{54} = 1 \frac{13}{54}$$

$$\text{d) } \frac{7}{9} + \frac{14}{15} = \frac{35}{45} + \frac{42}{45} = \frac{77}{45} = 1 \frac{32}{45}$$

$$\textcircled{2} \quad \text{a) } \frac{17}{45} + \frac{1}{3} = \frac{17}{45} + \frac{15}{45} = \frac{32}{45}$$

$$\text{b) } \frac{19}{27} + \frac{13}{18} = \frac{38}{54} + \frac{39}{54} = \frac{77}{54} = 1 \frac{23}{54}$$

$$\text{c) } \frac{4}{15} + \frac{8}{45} = \frac{12}{45} + \frac{8}{45} = \frac{20}{45} = \frac{4}{9}$$

$$\text{d) } \frac{15}{26} + \frac{4}{13} = \frac{15}{26} + \frac{8}{26} = \frac{23}{26}$$

$$\textcircled{3} \quad \text{a) } \frac{11}{34} + \frac{1}{2} = \frac{11}{34} + \frac{17}{34} = \frac{28}{34} = \frac{14}{17}$$

$$\text{b) } \frac{10}{11} + \frac{5}{33} = \frac{30}{33} + \frac{5}{33} = \frac{35}{33} = 1 \frac{2}{33}$$

$$\text{c) } \frac{7}{39} + \frac{10}{13} = \frac{7}{39} + \frac{30}{39} = \frac{37}{39}$$

$$\text{d) } \frac{9}{20} + \frac{19}{40} = \frac{18}{40} + \frac{19}{40} = \frac{37}{40}$$

$$\textcircled{4} \quad \text{a) } \frac{5}{7} + \frac{24}{35} = \frac{25}{35} + \frac{24}{35} = \frac{49}{35} = 1 \frac{2}{5}$$

$$\text{b) } \frac{23}{38} + \frac{12}{19} = \frac{23}{38} + \frac{24}{38} = \frac{47}{38} = 1 \frac{9}{38}$$

$$\text{c) } \frac{16}{25} + \frac{3}{10} = \frac{32}{50} + \frac{15}{50} = \frac{47}{50}$$

$$\text{d) } \frac{1}{3} + \frac{2}{15} = \frac{5}{15} + \frac{2}{15} = \frac{7}{15}$$

$$\textcircled{5} \quad \text{a) } \frac{26}{27} + \frac{1}{6} = \frac{52}{54} + \frac{9}{54} = \frac{61}{54} = 1 \frac{7}{54}$$

$$\text{b) } \frac{9}{28} + \frac{7}{8} = \frac{18}{56} + \frac{49}{56} = \frac{67}{56} = 1 \frac{11}{56}$$

$$\text{c) } \frac{2}{11} + \frac{13}{33} = \frac{6}{33} + \frac{13}{33} = \frac{19}{33}$$

$$\text{d) } \frac{5}{14} + \frac{1}{2} = \frac{5}{14} + \frac{7}{14} = \frac{12}{14} = \frac{6}{7}$$