

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

① a) $\frac{2}{15} + \frac{4}{45} =$

b) $\frac{14}{25} + \frac{1}{2} =$

c) $\frac{1}{9} + \frac{16}{27} =$

d) $\frac{29}{30} + \frac{11}{20} =$

② a) $\frac{14}{15} + \frac{4}{5} =$

b) $\frac{6}{19} + \frac{17}{38} =$

c) $\frac{5}{39} + \frac{12}{13} =$

d) $\frac{7}{9} + \frac{5}{6} =$

③ a) $\frac{1}{20} + \frac{7}{40} =$

b) $\frac{5}{7} + \frac{20}{21} =$

c) $\frac{7}{17} + \frac{3}{34} =$

d) $\frac{1}{18} + \frac{2}{27} =$

④ a) $\frac{15}{19} + \frac{1}{2} =$

b) $\frac{5}{8} + \frac{27}{40} =$

c) $\frac{1}{15} + \frac{2}{9} =$

d) $\frac{13}{20} + \frac{11}{12} =$

⑤ a) $\frac{4}{9} + \frac{20}{27} =$

b) $\frac{17}{27} + \frac{5}{18} =$

c) $\frac{15}{44} + \frac{6}{11} =$

d) $\frac{12}{19} + \frac{15}{38} =$

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

$$\textcircled{1} \quad \text{a) } \frac{2}{15} + \frac{4}{45} = \frac{6}{45} + \frac{4}{45} = \frac{10}{45} = \frac{2}{9}$$

$$\text{b) } \frac{14}{25} + \frac{1}{2} = \frac{28}{50} + \frac{25}{50} = \frac{53}{50} = 1 \frac{3}{50}$$

$$\text{c) } \frac{1}{9} + \frac{16}{27} = \frac{3}{27} + \frac{16}{27} = \frac{19}{27}$$

$$\text{d) } \frac{29}{30} + \frac{11}{20} = \frac{58}{60} + \frac{33}{60} = \frac{91}{60} = 1 \frac{31}{60}$$

$$\textcircled{2} \quad \text{a) } \frac{14}{15} + \frac{4}{5} = \frac{14}{15} + \frac{12}{15} = \frac{26}{15} = 1 \frac{11}{15}$$

$$\text{b) } \frac{6}{19} + \frac{17}{38} = \frac{12}{38} + \frac{17}{38} = \frac{29}{38}$$

$$\text{c) } \frac{5}{39} + \frac{12}{13} = \frac{5}{39} + \frac{36}{39} = \frac{41}{39} = 1 \frac{2}{39}$$

$$\text{d) } \frac{7}{9} + \frac{5}{6} = \frac{14}{18} + \frac{15}{18} = \frac{29}{18} = 1 \frac{11}{18}$$

$$\textcircled{3} \quad \text{a) } \frac{1}{20} + \frac{7}{40} = \frac{2}{40} + \frac{7}{40} = \frac{9}{40}$$

$$\text{b) } \frac{5}{7} + \frac{20}{21} = \frac{15}{21} + \frac{20}{21} = \frac{35}{21} = 1 \frac{2}{3}$$

$$\text{c) } \frac{7}{17} + \frac{3}{34} = \frac{14}{34} + \frac{3}{34} = \frac{17}{34} = \frac{1}{2}$$

$$\text{d) } \frac{1}{18} + \frac{2}{27} = \frac{3}{54} + \frac{4}{54} = \frac{7}{54}$$

$$\textcircled{4} \quad \text{a) } \frac{15}{19} + \frac{1}{2} = \frac{30}{38} + \frac{19}{38} = \frac{49}{38} = 1 \frac{11}{38}$$

$$\text{b) } \frac{5}{8} + \frac{27}{40} = \frac{25}{40} + \frac{27}{40} = \frac{52}{40} = 1 \frac{3}{10}$$

$$\text{c) } \frac{1}{15} + \frac{2}{9} = \frac{3}{45} + \frac{10}{45} = \frac{13}{45}$$

$$\text{d) } \frac{13}{20} + \frac{11}{12} = \frac{39}{60} + \frac{55}{60} = \frac{94}{60} = 1 \frac{17}{30}$$

$$\textcircled{5} \quad \text{a) } \frac{4}{9} + \frac{20}{27} = \frac{12}{27} + \frac{20}{27} = \frac{32}{27} = 1 \frac{5}{27}$$

$$\text{b) } \frac{17}{27} + \frac{5}{18} = \frac{34}{54} + \frac{15}{54} = \frac{49}{54}$$

$$\text{c) } \frac{15}{44} + \frac{6}{11} = \frac{15}{44} + \frac{24}{44} = \frac{39}{44}$$

$$\text{d) } \frac{12}{19} + \frac{15}{38} = \frac{24}{38} + \frac{15}{38} = \frac{39}{38} = 1 \frac{1}{38}$$