

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

① a) $\frac{3}{17} + \frac{1}{3} =$

b) $\frac{19}{45} + \frac{11}{15} =$

c) $\frac{5}{12} + \frac{7}{20} =$

d) $\frac{2}{5} + \frac{23}{40} =$

② a) $\frac{1}{7} + \frac{22}{35} =$

b) $\frac{25}{38} + \frac{13}{19} =$

c) $\frac{29}{39} + \frac{5}{13} =$

d) $\frac{6}{7} + \frac{2}{21} =$

③ a) $\frac{5}{8} + \frac{1}{20} =$

b) $\frac{1}{2} + \frac{17}{24} =$

c) $\frac{13}{45} + \frac{4}{9} =$

d) $\frac{23}{38} + \frac{1}{19} =$

④ a) $\frac{3}{20} + \frac{11}{30} =$

b) $\frac{7}{15} + \frac{5}{9} =$

c) $\frac{13}{16} + \frac{17}{32} =$

d) $\frac{21}{34} + \frac{4}{17} =$

⑤ a) $\frac{25}{33} + \frac{9}{11} =$

b) $\frac{17}{40} + \frac{3}{4} =$

c) $\frac{7}{9} + \frac{1}{36} =$

d) $\frac{11}{19} + \frac{27}{38} =$

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

$$\textcircled{1} \quad \text{a) } \frac{3}{17} + \frac{1}{3} = \frac{9}{51} + \frac{17}{51} = \frac{26}{51}$$

$$\text{b) } \frac{19}{45} + \frac{11}{15} = \frac{19}{45} + \frac{33}{45} = \frac{52}{45} = 1 \frac{7}{45}$$

$$\text{c) } \frac{5}{12} + \frac{7}{20} = \frac{25}{60} + \frac{21}{60} = \frac{46}{60} = \frac{23}{30}$$

$$\text{d) } \frac{2}{5} + \frac{23}{40} = \frac{16}{40} + \frac{23}{40} = \frac{39}{40}$$

$$\textcircled{2} \quad \text{a) } \frac{1}{7} + \frac{22}{35} = \frac{5}{35} + \frac{22}{35} = \frac{27}{35}$$

$$\text{b) } \frac{25}{38} + \frac{13}{19} = \frac{25}{38} + \frac{26}{38} = \frac{51}{38} = 1 \frac{13}{38}$$

$$\text{c) } \frac{29}{39} + \frac{5}{13} = \frac{29}{39} + \frac{15}{39} = \frac{44}{39} = 1 \frac{5}{39}$$

$$\text{d) } \frac{6}{7} + \frac{2}{21} = \frac{18}{21} + \frac{2}{21} = \frac{20}{21}$$

$$\textcircled{3} \quad \text{a) } \frac{5}{8} + \frac{1}{20} = \frac{25}{40} + \frac{2}{40} = \frac{27}{40}$$

$$\text{b) } \frac{1}{2} + \frac{17}{24} = \frac{12}{24} + \frac{17}{24} = \frac{29}{24} = 1 \frac{5}{24}$$

$$\text{c) } \frac{13}{45} + \frac{4}{9} = \frac{13}{45} + \frac{20}{45} = \frac{33}{45} = \frac{11}{15}$$

$$\text{d) } \frac{23}{38} + \frac{1}{19} = \frac{23}{38} + \frac{2}{38} = \frac{25}{38}$$

$$\textcircled{4} \quad \text{a) } \frac{3}{20} + \frac{11}{30} = \frac{9}{60} + \frac{22}{60} = \frac{31}{60}$$

$$\text{b) } \frac{7}{15} + \frac{5}{9} = \frac{21}{45} + \frac{25}{45} = \frac{46}{45} = 1 \frac{1}{45}$$

$$\text{c) } \frac{13}{16} + \frac{17}{32} = \frac{26}{32} + \frac{17}{32} = \frac{43}{32} = 1 \frac{11}{32}$$

$$\text{d) } \frac{21}{34} + \frac{4}{17} = \frac{21}{34} + \frac{8}{34} = \frac{29}{34}$$

$$\textcircled{5} \quad \text{a) } \frac{25}{33} + \frac{9}{11} = \frac{25}{33} + \frac{27}{33} = \frac{52}{33} = 1 \frac{19}{33}$$

$$\text{b) } \frac{17}{40} + \frac{3}{4} = \frac{17}{40} + \frac{30}{40} = \frac{47}{40} = 1 \frac{7}{40}$$

$$\text{c) } \frac{7}{9} + \frac{1}{36} = \frac{28}{36} + \frac{1}{36} = \frac{29}{36}$$

$$\text{d) } \frac{11}{19} + \frac{27}{38} = \frac{22}{38} + \frac{27}{38} = \frac{49}{38} = 1 \frac{11}{38}$$