

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

① a) $\frac{1}{2} + \frac{5}{7} =$

b) $\frac{23}{27} + \frac{7}{18} =$

c) $\frac{2}{7} + \frac{11}{21} =$

d) $\frac{7}{24} + \frac{3}{8} =$

② a) $\frac{23}{33} + \frac{6}{11} =$

b) $\frac{2}{3} + \frac{11}{39} =$

c) $\frac{19}{40} + \frac{3}{5} =$

d) $\frac{8}{9} + \frac{5}{36} =$

③ a) $\frac{1}{19} + \frac{25}{38} =$

b) $\frac{3}{14} + \frac{20}{21} =$

c) $\frac{29}{38} + \frac{11}{19} =$

d) $\frac{1}{9} + \frac{3}{4} =$

④ a) $\frac{2}{15} + \frac{13}{45} =$

b) $\frac{25}{42} + \frac{4}{21} =$

c) $\frac{9}{11} + \frac{1}{4} =$

d) $\frac{11}{24} + \frac{3}{16} =$

⑤ a) $\frac{14}{45} + \frac{2}{9} =$

b) $\frac{29}{32} + \frac{7}{8} =$

c) $\frac{4}{9} + \frac{5}{12} =$

d) $\frac{7}{10} + \frac{1}{6} =$

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$$\textcircled{1} \quad \text{a) } \frac{1}{2} + \frac{5}{7} = \frac{7}{14} + \frac{10}{14} = \frac{17}{14} = 1 \frac{3}{14}$$

$$\text{b) } \frac{23}{27} + \frac{7}{18} = \frac{46}{54} + \frac{21}{54} = \frac{67}{54} = 1 \frac{13}{54}$$

$$\text{c) } \frac{2}{7} + \frac{11}{21} = \frac{6}{21} + \frac{11}{21} = \frac{17}{21}$$

$$\text{d) } \frac{7}{24} + \frac{3}{8} = \frac{7}{24} + \frac{9}{24} = \frac{16}{24} = \frac{2}{3}$$

$$\textcircled{2} \quad \text{a) } \frac{23}{33} + \frac{6}{11} = \frac{23}{33} + \frac{18}{33} = \frac{41}{33} = 1 \frac{8}{33}$$

$$\text{b) } \frac{2}{3} + \frac{11}{39} = \frac{26}{39} + \frac{11}{39} = \frac{37}{39}$$

$$\text{c) } \frac{19}{40} + \frac{3}{5} = \frac{19}{40} + \frac{24}{40} = \frac{43}{40} = 1 \frac{3}{40}$$

$$\text{d) } \frac{8}{9} + \frac{5}{36} = \frac{32}{36} + \frac{5}{36} = \frac{37}{36} = 1 \frac{1}{36}$$

$$\textcircled{3} \quad \text{a) } \frac{1}{19} + \frac{25}{38} = \frac{2}{38} + \frac{25}{38} = \frac{27}{38}$$

$$\text{b) } \frac{3}{14} + \frac{20}{21} = \frac{9}{42} + \frac{40}{42} = \frac{49}{42} = 1 \frac{1}{6}$$

$$\text{c) } \frac{29}{38} + \frac{11}{19} = \frac{29}{38} + \frac{22}{38} = \frac{51}{38} = 1 \frac{13}{38}$$

$$\text{d) } \frac{1}{9} + \frac{3}{4} = \frac{4}{36} + \frac{27}{36} = \frac{31}{36}$$

$$\textcircled{4} \quad \text{a) } \frac{2}{15} + \frac{13}{45} = \frac{6}{45} + \frac{13}{45} = \frac{19}{45}$$

$$\text{b) } \frac{25}{42} + \frac{4}{21} = \frac{25}{42} + \frac{8}{42} = \frac{33}{42} = \frac{11}{14}$$

$$\text{c) } \frac{9}{11} + \frac{1}{4} = \frac{36}{44} + \frac{11}{44} = \frac{47}{44} = 1 \frac{3}{44}$$

$$\text{d) } \frac{11}{24} + \frac{3}{16} = \frac{22}{48} + \frac{9}{48} = \frac{31}{48}$$

$$\textcircled{5} \quad \text{a) } \frac{14}{45} + \frac{2}{9} = \frac{14}{45} + \frac{10}{45} = \frac{24}{45} = \frac{8}{15}$$

$$\text{b) } \frac{29}{32} + \frac{7}{8} = \frac{29}{32} + \frac{28}{32} = \frac{57}{32} = 1 \frac{25}{32}$$

$$\text{c) } \frac{4}{9} + \frac{5}{12} = \frac{16}{36} + \frac{15}{36} = \frac{31}{36}$$

$$\text{d) } \frac{7}{10} + \frac{1}{6} = \frac{21}{30} + \frac{5}{30} = \frac{26}{30} = \frac{13}{15}$$