

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

① a) $\frac{11}{36} + \frac{5}{12} =$

b) $\frac{1}{5} + \frac{16}{25} =$

c) $\frac{6}{17} + \frac{13}{34} =$

d) $\frac{20}{21} + \frac{25}{42} =$

② a) $\frac{13}{22} + \frac{6}{11} =$

b) $\frac{7}{36} + \frac{1}{3} =$

c) $\frac{15}{16} + \frac{5}{32} =$

d) $\frac{3}{5} + \frac{13}{15} =$

③ a) $\frac{1}{38} + \frac{17}{19} =$

b) $\frac{7}{44} + \frac{8}{11} =$

c) $\frac{26}{45} + \frac{4}{9} =$

d) $\frac{1}{10} + \frac{13}{30} =$

④ a) $\frac{15}{22} + \frac{1}{11} =$

b) $\frac{4}{17} + \frac{11}{34} =$

c) $\frac{11}{16} + \frac{3}{4} =$

d) $\frac{1}{4} + \frac{10}{13} =$

⑤ a) $\frac{3}{32} + \frac{7}{8} =$

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

c) $\frac{13}{16} + \frac{5}{6} =$

d) $\frac{2}{3} + \frac{23}{27} =$

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$$\textcircled{1} \quad \text{a) } \frac{11}{36} + \frac{5}{12} = \frac{11}{36} + \frac{15}{36} = \frac{26}{36} = \frac{13}{18}$$

$$\text{b) } \frac{1}{5} + \frac{16}{25} = \frac{5}{25} + \frac{16}{25} = \frac{21}{25}$$

$$\text{c) } \frac{6}{17} + \frac{13}{34} = \frac{12}{34} + \frac{13}{34} = \frac{25}{34}$$

$$\text{d) } \frac{20}{21} + \frac{25}{42} = \frac{40}{42} + \frac{25}{42} = \frac{65}{42} = 1 \frac{23}{42}$$

$$\textcircled{2} \quad \text{a) } \frac{13}{22} + \frac{6}{11} = \frac{13}{22} + \frac{12}{22} = \frac{25}{22} = 1 \frac{3}{22}$$

$$\text{b) } \frac{7}{36} + \frac{1}{3} = \frac{7}{36} + \frac{12}{36} = \frac{19}{36}$$

$$\text{c) } \frac{15}{16} + \frac{5}{32} = \frac{30}{32} + \frac{5}{32} = \frac{35}{32} = 1 \frac{3}{32}$$

$$\text{d) } \frac{3}{5} + \frac{13}{15} = \frac{9}{15} + \frac{13}{15} = \frac{22}{15} = 1 \frac{7}{15}$$

$$\textcircled{3} \quad \text{a) } \frac{1}{38} + \frac{17}{19} = \frac{1}{38} + \frac{34}{38} = \frac{35}{38}$$

$$\text{b) } \frac{7}{44} + \frac{8}{11} = \frac{7}{44} + \frac{32}{44} = \frac{39}{44}$$

$$\text{c) } \frac{26}{45} + \frac{4}{9} = \frac{26}{45} + \frac{20}{45} = \frac{46}{45} = 1 \frac{1}{45}$$

$$\text{d) } \frac{1}{10} + \frac{13}{30} = \frac{3}{30} + \frac{13}{30} = \frac{16}{30} = \frac{8}{15}$$

$$\textcircled{4} \quad \text{a) } \frac{15}{22} + \frac{1}{11} = \frac{15}{22} + \frac{2}{22} = \frac{17}{22}$$

$$\text{b) } \frac{4}{17} + \frac{11}{34} = \frac{8}{34} + \frac{11}{34} = \frac{19}{34}$$

$$\text{c) } \frac{11}{16} + \frac{3}{4} = \frac{11}{16} + \frac{12}{16} = \frac{23}{16} = 1 \frac{7}{16}$$

$$\text{d) } \frac{1}{4} + \frac{10}{13} = \frac{13}{52} + \frac{40}{52} = \frac{53}{52} = 1 \frac{1}{52}$$

$$\textcircled{5} \quad \text{a) } \frac{3}{32} + \frac{7}{8} = \frac{3}{32} + \frac{28}{32} = \frac{31}{32}$$

$$\text{b) } \frac{29}{38} + \frac{3}{19} = \frac{29}{38} + \frac{6}{38} = \frac{35}{38}$$

$$\text{c) } \frac{13}{16} + \frac{5}{6} = \frac{39}{48} + \frac{40}{48} = \frac{79}{48} = 1 \frac{31}{48}$$

$$\text{d) } \frac{2}{3} + \frac{23}{27} = \frac{18}{27} + \frac{23}{27} = \frac{41}{27} = 1 \frac{14}{27}$$