

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

① a) $\frac{10}{11} + \frac{23}{33} =$

b) $\frac{1}{4} + \frac{8}{9} =$

c) $\frac{11}{24} + \frac{7}{16} =$

d) $\frac{23}{26} + \frac{6}{13} =$

② a) $\frac{24}{25} + \frac{2}{5} =$

b) $\frac{2}{15} + \frac{7}{12} =$

c) $\frac{8}{17} + \frac{29}{34} =$

d) $\frac{22}{39} + \frac{9}{13} =$

③ a) $\frac{1}{16} + \frac{11}{12} =$

b) $\frac{13}{45} + \frac{7}{15} =$

c) $\frac{4}{9} + \frac{25}{27} =$

d) $\frac{3}{4} + \frac{21}{40} =$

④ a) $\frac{1}{8} + \frac{3}{10} =$

b) $\frac{18}{19} + \frac{11}{38} =$

c) $\frac{21}{22} + \frac{7}{44} =$

d) $\frac{2}{5} + \frac{13}{40} =$

⑤ a) $\frac{1}{12} + \frac{3}{20} =$

b) $\frac{17}{42} + \frac{5}{14} =$

c) $\frac{3}{32} + \frac{7}{16} =$

d) $\frac{19}{28} + \frac{3}{8} =$

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$$\textcircled{1} \quad \text{a) } \frac{10}{11} + \frac{23}{33} = \frac{30}{33} + \frac{23}{33} = \frac{53}{33} = 1 \frac{20}{33}$$

$$\text{b) } \frac{1}{4} + \frac{8}{9} = \frac{9}{36} + \frac{32}{36} = \frac{41}{36} = 1 \frac{5}{36}$$

$$\text{c) } \frac{11}{24} + \frac{7}{16} = \frac{22}{48} + \frac{21}{48} = \frac{43}{48}$$

$$\text{d) } \frac{23}{26} + \frac{6}{13} = \frac{23}{26} + \frac{12}{26} = \frac{35}{26} = 1 \frac{9}{26}$$

$$\textcircled{2} \quad \text{a) } \frac{24}{25} + \frac{2}{5} = \frac{24}{25} + \frac{10}{25} = \frac{34}{25} = 1 \frac{9}{25}$$

$$\text{b) } \frac{2}{15} + \frac{7}{12} = \frac{8}{60} + \frac{35}{60} = \frac{43}{60}$$

$$\text{c) } \frac{8}{17} + \frac{29}{34} = \frac{16}{34} + \frac{29}{34} = \frac{45}{34} = 1 \frac{11}{34}$$

$$\text{d) } \frac{22}{39} + \frac{9}{13} = \frac{22}{39} + \frac{27}{39} = \frac{49}{39} = 1 \frac{10}{39}$$

$$\textcircled{3} \quad \text{a) } \frac{1}{16} + \frac{11}{12} = \frac{3}{48} + \frac{44}{48} = \frac{47}{48}$$

$$\text{b) } \frac{13}{45} + \frac{7}{15} = \frac{13}{45} + \frac{21}{45} = \frac{34}{45}$$

$$\text{c) } \frac{4}{9} + \frac{25}{27} = \frac{12}{27} + \frac{25}{27} = \frac{37}{27} = 1 \frac{10}{27}$$

$$\text{d) } \frac{3}{4} + \frac{21}{40} = \frac{30}{40} + \frac{21}{40} = \frac{51}{40} = 1 \frac{11}{40}$$

$$\textcircled{4} \quad \text{a) } \frac{1}{8} + \frac{3}{10} = \frac{5}{40} + \frac{12}{40} = \frac{17}{40}$$

$$\text{b) } \frac{18}{19} + \frac{11}{38} = \frac{36}{38} + \frac{11}{38} = \frac{47}{38} = 1 \frac{9}{38}$$

$$\text{c) } \frac{21}{22} + \frac{7}{44} = \frac{42}{44} + \frac{7}{44} = \frac{49}{44} = 1 \frac{5}{44}$$

$$\text{d) } \frac{2}{5} + \frac{13}{40} = \frac{16}{40} + \frac{13}{40} = \frac{29}{40}$$

$$\textcircled{5} \quad \text{a) } \frac{1}{12} + \frac{3}{20} = \frac{5}{60} + \frac{9}{60} = \frac{14}{60} = \frac{7}{30}$$

$$\text{b) } \frac{17}{42} + \frac{5}{14} = \frac{17}{42} + \frac{15}{42} = \frac{32}{42} = \frac{16}{21}$$

$$\text{c) } \frac{3}{32} + \frac{7}{16} = \frac{3}{32} + \frac{14}{32} = \frac{17}{32}$$

$$\text{d) } \frac{19}{28} + \frac{3}{8} = \frac{38}{56} + \frac{21}{56} = \frac{59}{56} = 1 \frac{3}{56}$$