

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

① a) $\frac{25}{28} + \frac{3}{14} =$

b) $\frac{5}{36} + \frac{5}{12} =$

c) $\frac{9}{13} + \frac{1}{4} =$

d) $\frac{2}{33} + \frac{6}{11} =$

② a) $\frac{5}{16} + \frac{7}{8} =$

b) $\frac{11}{17} + \frac{13}{34} =$

c) $\frac{25}{44} + \frac{5}{22} =$

d) $\frac{5}{6} + \frac{7}{27} =$

③ a) $\frac{1}{8} + \frac{23}{40} =$

b) $\frac{11}{16} + \frac{1}{6} =$

c) $\frac{2}{9} + \frac{13}{15} =$

d) $\frac{17}{36} + \frac{11}{12} =$

④ a) $\frac{22}{35} + \frac{1}{5} =$

b) $\frac{3}{44} + \frac{3}{22} =$

c) $\frac{17}{40} + \frac{13}{20} =$

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

⑤ a) $\frac{19}{30} + \frac{1}{4} =$

b) $\frac{23}{39} + \frac{11}{13} =$

c) $\frac{11}{14} + \frac{17}{21} =$

d) $\frac{1}{19} + \frac{27}{38} =$

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$$\textcircled{1} \quad \text{a) } \frac{25}{28} + \frac{3}{14} = \frac{25}{28} + \frac{6}{28} = \frac{31}{28} = 1 \frac{3}{28}$$

$$\text{b) } \frac{5}{36} + \frac{5}{12} = \frac{5}{36} + \frac{15}{36} = \frac{20}{36} = \frac{5}{9}$$

$$\text{c) } \frac{9}{13} + \frac{1}{4} = \frac{36}{52} + \frac{13}{52} = \frac{49}{52}$$

$$\text{d) } \frac{2}{33} + \frac{6}{11} = \frac{2}{33} + \frac{18}{33} = \frac{20}{33}$$

$$\textcircled{2} \quad \text{a) } \frac{5}{16} + \frac{7}{8} = \frac{5}{16} + \frac{14}{16} = \frac{19}{16} = 1 \frac{3}{16}$$

$$\text{b) } \frac{11}{17} + \frac{13}{34} = \frac{22}{34} + \frac{13}{34} = \frac{35}{34} = 1 \frac{1}{34}$$

$$\text{c) } \frac{25}{44} + \frac{5}{22} = \frac{25}{44} + \frac{10}{44} = \frac{35}{44}$$

$$\text{d) } \frac{5}{6} + \frac{7}{27} = \frac{45}{54} + \frac{14}{54} = \frac{59}{54} = 1 \frac{5}{54}$$

$$\textcircled{3} \quad \text{a) } \frac{1}{8} + \frac{23}{40} = \frac{5}{40} + \frac{23}{40} = \frac{28}{40} = \frac{7}{10}$$

$$\text{b) } \frac{11}{16} + \frac{1}{6} = \frac{33}{48} + \frac{8}{48} = \frac{41}{48}$$

$$\text{c) } \frac{2}{9} + \frac{13}{15} = \frac{10}{45} + \frac{39}{45} = \frac{49}{45} = 1 \frac{4}{45}$$

$$\text{d) } \frac{17}{36} + \frac{11}{12} = \frac{17}{36} + \frac{33}{36} = \frac{50}{36} = 1 \frac{7}{18}$$

$$\textcircled{4} \quad \text{a) } \frac{22}{35} + \frac{1}{5} = \frac{22}{35} + \frac{7}{35} = \frac{29}{35}$$

$$\text{b) } \frac{3}{44} + \frac{3}{22} = \frac{3}{44} + \frac{6}{44} = \frac{9}{44}$$

$$\text{c) } \frac{17}{40} + \frac{13}{20} = \frac{17}{40} + \frac{26}{40} = \frac{43}{40} = 1 \frac{3}{40}$$

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

$$\textcircled{5} \quad \text{a) } \frac{19}{30} + \frac{1}{4} = \frac{38}{60} + \frac{15}{60} = \frac{53}{60}$$

$$\text{b) } \frac{23}{39} + \frac{11}{13} = \frac{23}{39} + \frac{33}{39} = \frac{56}{39} = 1 \frac{17}{39}$$

$$\text{c) } \frac{11}{14} + \frac{17}{21} = \frac{33}{42} + \frac{34}{42} = \frac{67}{42} = 1 \frac{25}{42}$$

$$\text{d) } \frac{1}{19} + \frac{27}{38} = \frac{2}{38} + \frac{27}{38} = \frac{29}{38}$$