

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

① a) $\frac{6}{13} + \frac{28}{39} =$

b) $\frac{3}{20} + \frac{14}{15} =$

c) $\frac{1}{11} + \frac{16}{33} =$

d) $\frac{23}{24} + \frac{1}{3} =$

② a) $\frac{25}{44} + \frac{21}{22} =$

b) $\frac{17}{38} + \frac{4}{19} =$

c) $\frac{8}{21} + \frac{11}{14} =$

d) $\frac{23}{32} + \frac{9}{16} =$

③ a) $\frac{1}{5} + \frac{8}{45} =$

b) $\frac{10}{27} + \frac{1}{18} =$

c) $\frac{12}{13} + \frac{23}{39} =$

d) $\frac{21}{40} + \frac{7}{20} =$

④ a) $\frac{11}{32} + \frac{1}{4} =$

b) $\frac{3}{8} + \frac{23}{28} =$

c) $\frac{23}{40} + \frac{7}{10} =$

d) $\frac{7}{44} + \frac{5}{22} =$

⑤ a) $\frac{14}{45} + \frac{1}{3} =$

b) $\frac{12}{17} + \frac{21}{34} =$

c) $\frac{5}{6} + \frac{13}{18} =$

d) $\frac{9}{13} + \frac{4}{39} =$

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$$\textcircled{1} \quad \text{a) } \frac{6}{13} + \frac{28}{39} = \frac{18}{39} + \frac{28}{39} = \frac{46}{39} = 1 \frac{7}{39} \qquad \text{b) } \frac{3}{20} + \frac{14}{15} = \frac{9}{60} + \frac{56}{60} = \frac{65}{60} = 1 \frac{1}{12}$$

$$\text{c) } \frac{1}{11} + \frac{16}{33} = \frac{3}{33} + \frac{16}{33} = \frac{19}{33} \qquad \text{d) } \frac{23}{24} + \frac{1}{3} = \frac{23}{24} + \frac{8}{24} = \frac{31}{24} = 1 \frac{7}{24}$$

$$\textcircled{2} \quad \text{a) } \frac{25}{44} + \frac{21}{22} = \frac{25}{44} + \frac{42}{44} = \frac{67}{44} = 1 \frac{23}{44} \qquad \text{b) } \frac{17}{38} + \frac{4}{19} = \frac{17}{38} + \frac{8}{38} = \frac{25}{38}$$

$$\text{c) } \frac{8}{21} + \frac{11}{14} = \frac{16}{42} + \frac{33}{42} = \frac{49}{42} = 1 \frac{1}{6} \qquad \text{d) } \frac{23}{32} + \frac{9}{16} = \frac{23}{32} + \frac{18}{32} = \frac{41}{32} = 1 \frac{9}{32}$$

$$\textcircled{3} \quad \text{a) } \frac{1}{5} + \frac{8}{45} = \frac{9}{45} + \frac{8}{45} = \frac{17}{45} \qquad \text{b) } \frac{10}{27} + \frac{1}{18} = \frac{20}{54} + \frac{3}{54} = \frac{23}{54}$$

$$\text{c) } \frac{12}{13} + \frac{23}{39} = \frac{36}{39} + \frac{23}{39} = \frac{59}{39} = 1 \frac{20}{39} \qquad \text{d) } \frac{21}{40} + \frac{7}{20} = \frac{21}{40} + \frac{14}{40} = \frac{35}{40} = \frac{7}{8}$$

$$\textcircled{4} \quad \text{a) } \frac{11}{32} + \frac{1}{4} = \frac{11}{32} + \frac{8}{32} = \frac{19}{32} \qquad \text{b) } \frac{3}{8} + \frac{23}{28} = \frac{21}{56} + \frac{46}{56} = \frac{67}{56} = 1 \frac{11}{56}$$

$$\text{c) } \frac{23}{40} + \frac{7}{10} = \frac{23}{40} + \frac{28}{40} = \frac{51}{40} = 1 \frac{11}{40} \qquad \text{d) } \frac{7}{44} + \frac{5}{22} = \frac{7}{44} + \frac{10}{44} = \frac{17}{44}$$

$$\textcircled{5} \quad \text{a) } \frac{14}{45} + \frac{1}{3} = \frac{14}{45} + \frac{15}{45} = \frac{29}{45} \qquad \text{b) } \frac{12}{17} + \frac{21}{34} = \frac{24}{34} + \frac{21}{34} = \frac{45}{34} = 1 \frac{11}{34}$$

$$\text{c) } \frac{5}{6} + \frac{13}{18} = \frac{15}{18} + \frac{13}{18} = \frac{28}{18} = 1 \frac{5}{9} \qquad \text{d) } \frac{9}{13} + \frac{4}{39} = \frac{27}{39} + \frac{4}{39} = \frac{31}{39}$$