

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

① a) $\frac{17}{25} + \frac{3}{5} =$

b) $\frac{23}{30} + \frac{2}{3} =$

c) $\frac{3}{40} + \frac{1}{4} =$

d) $\frac{28}{39} + \frac{5}{13} =$

② a) $\frac{9}{32} + \frac{13}{16} =$

b) $\frac{4}{5} + \frac{1}{10} =$

c) $\frac{6}{7} + \frac{6}{35} =$

d) $\frac{13}{45} + \frac{7}{9} =$

③ a) $\frac{8}{15} + \frac{17}{45} =$

b) $\frac{7}{8} + \frac{15}{28} =$

c) $\frac{29}{30} + \frac{19}{20} =$

d) $\frac{1}{13} + \frac{2}{39} =$

④ a) $\frac{5}{18} + \frac{4}{9} =$

b) $\frac{10}{39} + \frac{11}{13} =$

c) $\frac{3}{4} + \frac{3}{10} =$

d) $\frac{1}{3} + \frac{16}{39} =$

⑤ a) $\frac{17}{22} + \frac{5}{11} =$

b) $\frac{19}{27} + \frac{7}{18} =$

c) $\frac{4}{15} + \frac{22}{45} =$

d) $\frac{5}{44} + \frac{1}{11} =$

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$$\textcircled{1} \quad \text{a) } \frac{17}{25} + \frac{3}{5} = \frac{17}{25} + \frac{15}{25} = \frac{32}{25} = 1 \frac{7}{25}$$

$$\text{b) } \frac{23}{30} + \frac{2}{3} = \frac{23}{30} + \frac{20}{30} = \frac{43}{30} = 1 \frac{13}{30}$$

$$\text{c) } \frac{3}{40} + \frac{1}{4} = \frac{3}{40} + \frac{10}{40} = \frac{13}{40}$$

$$\text{d) } \frac{28}{39} + \frac{5}{13} = \frac{28}{39} + \frac{15}{39} = \frac{43}{39} = 1 \frac{4}{39}$$

$$\textcircled{2} \quad \text{a) } \frac{9}{32} + \frac{13}{16} = \frac{9}{32} + \frac{26}{32} = \frac{35}{32} = 1 \frac{3}{32}$$

$$\text{b) } \frac{4}{5} + \frac{1}{10} = \frac{8}{10} + \frac{1}{10} = \frac{9}{10}$$

$$\text{c) } \frac{6}{7} + \frac{6}{35} = \frac{30}{35} + \frac{6}{35} = \frac{36}{35} = 1 \frac{1}{35}$$

$$\text{d) } \frac{13}{45} + \frac{7}{9} = \frac{13}{45} + \frac{35}{45} = \frac{48}{45} = 1 \frac{1}{15}$$

$$\textcircled{3} \quad \text{a) } \frac{8}{15} + \frac{17}{45} = \frac{24}{45} + \frac{17}{45} = \frac{41}{45}$$

$$\text{b) } \frac{7}{8} + \frac{15}{28} = \frac{49}{56} + \frac{30}{56} = \frac{79}{56} = 1 \frac{23}{56}$$

$$\text{c) } \frac{29}{30} + \frac{19}{20} = \frac{58}{60} + \frac{57}{60} = \frac{115}{60} = 1 \frac{11}{12}$$

$$\text{d) } \frac{1}{13} + \frac{2}{39} = \frac{3}{39} + \frac{2}{39} = \frac{5}{39}$$

$$\textcircled{4} \quad \text{a) } \frac{5}{18} + \frac{4}{9} = \frac{5}{18} + \frac{8}{18} = \frac{13}{18}$$

$$\text{b) } \frac{10}{39} + \frac{11}{13} = \frac{10}{39} + \frac{33}{39} = \frac{43}{39} = 1 \frac{4}{39}$$

$$\text{c) } \frac{3}{4} + \frac{3}{10} = \frac{15}{20} + \frac{6}{20} = \frac{21}{20} = 1 \frac{1}{20}$$

$$\text{d) } \frac{1}{3} + \frac{16}{39} = \frac{13}{39} + \frac{16}{39} = \frac{29}{39}$$

$$\textcircled{5} \quad \text{a) } \frac{17}{22} + \frac{5}{11} = \frac{17}{22} + \frac{10}{22} = \frac{27}{22} = 1 \frac{5}{22}$$

$$\text{b) } \frac{19}{27} + \frac{7}{18} = \frac{38}{54} + \frac{21}{54} = \frac{59}{54} = 1 \frac{5}{54}$$

$$\text{c) } \frac{4}{15} + \frac{22}{45} = \frac{12}{45} + \frac{22}{45} = \frac{34}{45}$$

$$\text{d) } \frac{5}{44} + \frac{1}{11} = \frac{5}{44} + \frac{4}{44} = \frac{9}{44}$$