

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

① a) $\frac{17}{44} + \frac{19}{22} =$

b) $\frac{11}{20} + \frac{2}{3} =$

c) $\frac{1}{5} + \frac{3}{4} =$

d) $\frac{9}{25} + \frac{1}{10} =$

② a) $\frac{6}{13} + \frac{19}{26} =$

b) $\frac{7}{20} + \frac{5}{6} =$

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

d) $\frac{5}{11} + \frac{3}{5} =$

③ a) $\frac{11}{24} + \frac{15}{16} =$

b) $\frac{7}{30} + \frac{1}{12} =$

c) $\frac{22}{45} + \frac{7}{9} =$

d) $\frac{1}{6} + \frac{19}{30} =$

④ a) $\frac{5}{12} + \frac{13}{24} =$

b) $\frac{15}{44} + \frac{9}{22} =$

c) $\frac{17}{18} + \frac{25}{36} =$

d) $\frac{20}{33} + \frac{3}{11} =$

⑤ a) $\frac{1}{34} + \frac{13}{17} =$

b) $\frac{11}{15} + \frac{19}{45} =$

c) $\frac{7}{12} + \frac{17}{36} =$

d) $\frac{5}{28} + \frac{11}{14} =$

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$$\textcircled{1} \quad \text{a) } \frac{17}{44} + \frac{19}{22} = \frac{17}{44} + \frac{38}{44} = \frac{55}{44} = 1 \frac{1}{4} \qquad \text{b) } \frac{11}{20} + \frac{2}{3} = \frac{33}{60} + \frac{40}{60} = \frac{73}{60} = 1 \frac{13}{60}$$

$$\text{c) } \frac{1}{5} + \frac{3}{4} = \frac{4}{20} + \frac{15}{20} = \frac{19}{20} \qquad \text{d) } \frac{9}{25} + \frac{1}{10} = \frac{18}{50} + \frac{5}{50} = \frac{23}{50}$$

$$\textcircled{2} \quad \text{a) } \frac{6}{13} + \frac{19}{26} = \frac{12}{26} + \frac{19}{26} = \frac{31}{26} = 1 \frac{5}{26} \qquad \text{b) } \frac{7}{20} + \frac{5}{6} = \frac{21}{60} + \frac{50}{60} = \frac{71}{60} = 1 \frac{11}{60}$$

$$\text{c) } \frac{16}{39} + \frac{1}{3} = \frac{16}{39} + \frac{13}{39} = \frac{29}{39} \qquad \text{d) } \frac{5}{11} + \frac{3}{5} = \frac{25}{55} + \frac{33}{55} = \frac{58}{55} = 1 \frac{3}{55}$$

$$\textcircled{3} \quad \text{a) } \frac{11}{24} + \frac{15}{16} = \frac{22}{48} + \frac{45}{48} = \frac{67}{48} = 1 \frac{19}{48} \qquad \text{b) } \frac{7}{30} + \frac{1}{12} = \frac{14}{60} + \frac{5}{60} = \frac{19}{60}$$

$$\text{c) } \frac{22}{45} + \frac{7}{9} = \frac{22}{45} + \frac{35}{45} = \frac{57}{45} = 1 \frac{4}{15} \qquad \text{d) } \frac{1}{6} + \frac{19}{30} = \frac{5}{30} + \frac{19}{30} = \frac{24}{30} = \frac{4}{5}$$

$$\textcircled{4} \quad \text{a) } \frac{5}{12} + \frac{13}{24} = \frac{10}{24} + \frac{13}{24} = \frac{23}{24} \qquad \text{b) } \frac{15}{44} + \frac{9}{22} = \frac{15}{44} + \frac{18}{44} = \frac{33}{44} = \frac{3}{4}$$

$$\text{c) } \frac{17}{18} + \frac{25}{36} = \frac{34}{36} + \frac{25}{36} = \frac{59}{36} = 1 \frac{23}{36} \qquad \text{d) } \frac{20}{33} + \frac{3}{11} = \frac{20}{33} + \frac{9}{33} = \frac{29}{33}$$

$$\textcircled{5} \quad \text{a) } \frac{1}{34} + \frac{13}{17} = \frac{1}{34} + \frac{26}{34} = \frac{27}{34} \qquad \text{b) } \frac{11}{15} + \frac{19}{45} = \frac{33}{45} + \frac{19}{45} = \frac{52}{45} = 1 \frac{7}{45}$$

$$\text{c) } \frac{7}{12} + \frac{17}{36} = \frac{21}{36} + \frac{17}{36} = \frac{38}{36} = 1 \frac{1}{18} \qquad \text{d) } \frac{5}{28} + \frac{11}{14} = \frac{5}{28} + \frac{22}{28} = \frac{27}{28}$$