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

① a) $\dfrac{19}{39} + \dfrac{10}{13} =$

b) $\dfrac{5}{22} + \dfrac{5}{44} =$

c) $\dfrac{8}{17} + \dfrac{11}{34} =$

d) $\dfrac{13}{20} + \dfrac{13}{15} =$

② a) $\dfrac{7}{26} + \dfrac{1}{2} =$

b) $\dfrac{21}{44} + \dfrac{9}{22} =$

c) $\dfrac{2}{3} + \dfrac{19}{21} =$

d) $\dfrac{1}{24} + \dfrac{1}{12} =$

③ a) $\dfrac{8}{33} + \dfrac{3}{11} =$

b) $\dfrac{27}{28} + \dfrac{6}{7} =$

c) $\dfrac{7}{24} + \dfrac{7}{12} =$

d) $\dfrac{17}{45} + \dfrac{1}{9} =$

④ a) $\dfrac{22}{27} + \dfrac{13}{18} =$

b) $\dfrac{9}{14} + \dfrac{3}{28} =$

c) $\dfrac{1}{7} + \dfrac{1}{21} =$

d) $\dfrac{17}{25} + \dfrac{2}{5} =$

⑤ a) $\dfrac{19}{20} + \dfrac{17}{40} =$

b) $\dfrac{6}{11} + \dfrac{3}{44} =$

c) $\dfrac{11}{19} + \dfrac{29}{38} =$

d) $\dfrac{15}{44} + \dfrac{17}{22} =$

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

1 a) $\dfrac{19}{39} + \dfrac{10}{13} = \dfrac{19}{39} + \dfrac{30}{39} = \dfrac{49}{39} = 1\dfrac{10}{39}$

b) $\dfrac{5}{22} + \dfrac{5}{44} = \dfrac{10}{44} + \dfrac{5}{44} = \dfrac{15}{44}$

c) $\dfrac{8}{17} + \dfrac{11}{34} = \dfrac{16}{34} + \dfrac{11}{34} = \dfrac{27}{34}$

d) $\dfrac{13}{20} + \dfrac{13}{15} = \dfrac{39}{60} + \dfrac{52}{60} = \dfrac{91}{60} = 1\dfrac{31}{60}$

2 a) $\dfrac{7}{26} + \dfrac{1}{2} = \dfrac{7}{26} + \dfrac{13}{26} = \dfrac{20}{26} = \dfrac{10}{13}$

b) $\dfrac{21}{44} + \dfrac{9}{22} = \dfrac{21}{44} + \dfrac{18}{44} = \dfrac{39}{44}$

c) $\dfrac{2}{3} + \dfrac{19}{21} = \dfrac{14}{21} + \dfrac{19}{21} = \dfrac{33}{21} = 1\dfrac{4}{7}$

d) $\dfrac{1}{24} + \dfrac{1}{12} = \dfrac{1}{24} + \dfrac{2}{24} = \dfrac{3}{24} = \dfrac{1}{8}$

3 a) $\dfrac{8}{33} + \dfrac{3}{11} = \dfrac{8}{33} + \dfrac{9}{33} = \dfrac{17}{33}$

b) $\dfrac{27}{28} + \dfrac{6}{7} = \dfrac{27}{28} + \dfrac{24}{28} = \dfrac{51}{28} = 1\dfrac{23}{28}$

c) $\dfrac{7}{24} + \dfrac{7}{12} = \dfrac{7}{24} + \dfrac{14}{24} = \dfrac{21}{24} = \dfrac{7}{8}$

d) $\dfrac{17}{45} + \dfrac{1}{9} = \dfrac{17}{45} + \dfrac{5}{45} = \dfrac{22}{45}$

4 a) $\dfrac{22}{27} + \dfrac{13}{18} = \dfrac{44}{54} + \dfrac{39}{54} = \dfrac{83}{54} = 1\dfrac{29}{54}$

b) $\dfrac{9}{14} + \dfrac{3}{28} = \dfrac{18}{28} + \dfrac{3}{28} = \dfrac{21}{28} = \dfrac{3}{4}$

c) $\dfrac{1}{7} + \dfrac{1}{21} = \dfrac{3}{21} + \dfrac{1}{21} = \dfrac{4}{21}$

d) $\dfrac{17}{25} + \dfrac{2}{5} = \dfrac{17}{25} + \dfrac{10}{25} = \dfrac{27}{25} = 1\dfrac{2}{25}$

5 a) $\dfrac{19}{20} + \dfrac{17}{40} = \dfrac{38}{40} + \dfrac{17}{40} = \dfrac{55}{40} = 1\dfrac{3}{8}$

b) $\dfrac{6}{11} + \dfrac{3}{44} = \dfrac{24}{44} + \dfrac{3}{44} = \dfrac{27}{44}$

c) $\dfrac{11}{19} + \dfrac{29}{38} = \dfrac{22}{38} + \dfrac{29}{38} = \dfrac{51}{38} = 1\dfrac{13}{38}$

d) $\dfrac{15}{44} + \dfrac{17}{22} = \dfrac{15}{44} + \dfrac{34}{44} = \dfrac{49}{44} = 1\dfrac{5}{44}$