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

① a) $\dfrac{4}{15} + \dfrac{1}{45} =$

b) $\dfrac{5}{19} + \dfrac{2}{3} =$

c) $\dfrac{9}{13} + \dfrac{29}{39} =$

d) $\dfrac{29}{36} + \dfrac{11}{12} =$

② a) $\dfrac{1}{4} + \dfrac{19}{40} =$

b) $\dfrac{3}{28} + \dfrac{5}{7} =$

c) $\dfrac{15}{16} + \dfrac{15}{32} =$

d) $\dfrac{25}{42} + \dfrac{1}{14} =$

③ a) $\dfrac{14}{39} + \dfrac{3}{13} =$

b) $\dfrac{4}{9} + \dfrac{29}{45} =$

c) $\dfrac{7}{12} + \dfrac{11}{20} =$

d) $\dfrac{1}{38} + \dfrac{6}{19} =$

④ a) $\dfrac{20}{33} + \dfrac{10}{11} =$

b) $\dfrac{13}{14} + \dfrac{4}{7} =$

c) $\dfrac{9}{26} + \dfrac{5}{13} =$

d) $\dfrac{3}{10} + \dfrac{2}{3} =$

⑤ a) $\dfrac{6}{11} + \dfrac{13}{22} =$

b) $\dfrac{23}{34} + \dfrac{1}{2} =$

c) $\dfrac{2}{5} + \dfrac{5}{9} =$

d) $\dfrac{3}{4} + \dfrac{13}{15} =$

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

1 a) $\dfrac{4}{15} + \dfrac{1}{45} = \dfrac{12}{45} + \dfrac{1}{45} = \dfrac{13}{45}$

b) $\dfrac{5}{19} + \dfrac{2}{3} = \dfrac{15}{57} + \dfrac{38}{57} = \dfrac{53}{57}$

c) $\dfrac{9}{13} + \dfrac{29}{39} = \dfrac{27}{39} + \dfrac{29}{39} = \dfrac{56}{39} = 1\dfrac{17}{39}$

d) $\dfrac{29}{36} + \dfrac{11}{12} = \dfrac{29}{36} + \dfrac{33}{36} = \dfrac{62}{36} = 1\dfrac{13}{18}$

2 a) $\dfrac{1}{4} + \dfrac{19}{40} = \dfrac{10}{40} + \dfrac{19}{40} = \dfrac{29}{40}$

b) $\dfrac{3}{28} + \dfrac{5}{7} = \dfrac{3}{28} + \dfrac{20}{28} = \dfrac{23}{28}$

c) $\dfrac{15}{16} + \dfrac{15}{32} = \dfrac{30}{32} + \dfrac{15}{32} = \dfrac{45}{32} = 1\dfrac{13}{32}$

d) $\dfrac{25}{42} + \dfrac{1}{14} = \dfrac{25}{42} + \dfrac{3}{42} = \dfrac{28}{42} = \dfrac{2}{3}$

3 a) $\dfrac{14}{39} + \dfrac{3}{13} = \dfrac{14}{39} + \dfrac{9}{39} = \dfrac{23}{39}$

b) $\dfrac{4}{9} + \dfrac{29}{45} = \dfrac{20}{45} + \dfrac{29}{45} = \dfrac{49}{45} = 1\dfrac{4}{45}$

c) $\dfrac{7}{12} + \dfrac{11}{20} = \dfrac{35}{60} + \dfrac{33}{60} = \dfrac{68}{60} = 1\dfrac{2}{15}$

d) $\dfrac{1}{38} + \dfrac{6}{19} = \dfrac{1}{38} + \dfrac{12}{38} = \dfrac{13}{38}$

4 a) $\dfrac{20}{33} + \dfrac{10}{11} = \dfrac{20}{33} + \dfrac{30}{33} = \dfrac{50}{33} = 1\dfrac{17}{33}$

b) $\dfrac{13}{14} + \dfrac{4}{7} = \dfrac{13}{14} + \dfrac{8}{14} = \dfrac{21}{14} = 1\dfrac{1}{2}$

c) $\dfrac{9}{26} + \dfrac{5}{13} = \dfrac{9}{26} + \dfrac{10}{26} = \dfrac{19}{26}$

d) $\dfrac{3}{10} + \dfrac{2}{3} = \dfrac{9}{30} + \dfrac{20}{30} = \dfrac{29}{30}$

5 a) $\dfrac{6}{11} + \dfrac{13}{22} = \dfrac{12}{22} + \dfrac{13}{22} = \dfrac{25}{22} = 1\dfrac{3}{22}$

b) $\dfrac{23}{34} + \dfrac{1}{2} = \dfrac{23}{34} + \dfrac{17}{34} = \dfrac{40}{34} = 1\dfrac{3}{17}$

c) $\dfrac{2}{5} + \dfrac{5}{9} = \dfrac{18}{45} + \dfrac{25}{45} = \dfrac{43}{45}$

d) $\dfrac{3}{4} + \dfrac{13}{15} = \dfrac{45}{60} + \dfrac{52}{60} = \dfrac{97}{60} = 1\dfrac{37}{60}$