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

1 a) $\dfrac{7}{9} + \dfrac{2}{15} =$ 　　　　　 b) $\dfrac{1}{2} + \dfrac{13}{36} =$

c) $\dfrac{3}{4} + \dfrac{7}{44} =$ 　　　　　 d) $\dfrac{15}{19} + \dfrac{29}{38} =$

2 a) $\dfrac{7}{34} + \dfrac{13}{17} =$ 　　　　　 b) $\dfrac{9}{16} + \dfrac{1}{12} =$

c) $\dfrac{1}{9} + \dfrac{22}{45} =$ 　　　　　 d) $\dfrac{17}{40} + \dfrac{9}{10} =$

3 a) $\dfrac{2}{3} + \dfrac{1}{15} =$ 　　　　　 b) $\dfrac{5}{27} + \dfrac{11}{18} =$

c) $\dfrac{3}{14} + \dfrac{17}{42} =$ 　　　　　 d) $\dfrac{7}{30} + \dfrac{14}{15} =$

4 a) $\dfrac{4}{27} + \dfrac{1}{6} =$ 　　　　　 b) $\dfrac{3}{4} + \dfrac{19}{20} =$

c) $\dfrac{13}{20} + \dfrac{29}{30} =$ 　　　　　 d) $\dfrac{4}{13} + \dfrac{2}{39} =$

5 a) $\dfrac{14}{19} + \dfrac{15}{38} =$ 　　　　　 b) $\dfrac{11}{42} + \dfrac{11}{21} =$

c) $\dfrac{4}{7} + \dfrac{1}{14} =$ 　　　　　 d) $\dfrac{29}{38} + \dfrac{10}{19} =$

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

① a) $\dfrac{7}{9} + \dfrac{2}{15} = \dfrac{35}{45} + \dfrac{6}{45} = \dfrac{41}{45}$

b) $\dfrac{1}{2} + \dfrac{13}{36} = \dfrac{18}{36} + \dfrac{13}{36} = \dfrac{31}{36}$

c) $\dfrac{3}{4} + \dfrac{7}{44} = \dfrac{33}{44} + \dfrac{7}{44} = \dfrac{40}{44} = \dfrac{10}{11}$

d) $\dfrac{15}{19} + \dfrac{29}{38} = \dfrac{30}{38} + \dfrac{29}{38} = \dfrac{59}{38} = 1\dfrac{21}{38}$

② a) $\dfrac{7}{34} + \dfrac{13}{17} = \dfrac{7}{34} + \dfrac{26}{34} = \dfrac{33}{34}$

b) $\dfrac{9}{16} + \dfrac{1}{12} = \dfrac{27}{48} + \dfrac{4}{48} = \dfrac{31}{48}$

c) $\dfrac{1}{9} + \dfrac{22}{45} = \dfrac{5}{45} + \dfrac{22}{45} = \dfrac{27}{45} = \dfrac{3}{5}$

d) $\dfrac{17}{40} + \dfrac{9}{10} = \dfrac{17}{40} + \dfrac{36}{40} = \dfrac{53}{40} = 1\dfrac{13}{40}$

③ a) $\dfrac{2}{3} + \dfrac{1}{15} = \dfrac{10}{15} + \dfrac{1}{15} = \dfrac{11}{15}$

b) $\dfrac{5}{27} + \dfrac{11}{18} = \dfrac{10}{54} + \dfrac{33}{54} = \dfrac{43}{54}$

c) $\dfrac{3}{14} + \dfrac{17}{42} = \dfrac{9}{42} + \dfrac{17}{42} = \dfrac{26}{42} = \dfrac{13}{21}$

d) $\dfrac{7}{30} + \dfrac{14}{15} = \dfrac{7}{30} + \dfrac{28}{30} = \dfrac{35}{30} = 1\dfrac{1}{6}$

④ a) $\dfrac{4}{27} + \dfrac{1}{6} = \dfrac{8}{54} + \dfrac{9}{54} = \dfrac{17}{54}$

b) $\dfrac{3}{4} + \dfrac{19}{20} = \dfrac{15}{20} + \dfrac{19}{20} = \dfrac{34}{20} = 1\dfrac{7}{10}$

c) $\dfrac{13}{20} + \dfrac{29}{30} = \dfrac{39}{60} + \dfrac{58}{60} = \dfrac{97}{60} = 1\dfrac{37}{60}$

d) $\dfrac{4}{13} + \dfrac{2}{39} = \dfrac{12}{39} + \dfrac{2}{39} = \dfrac{14}{39}$

⑤ a) $\dfrac{14}{19} + \dfrac{15}{38} = \dfrac{28}{38} + \dfrac{15}{38} = \dfrac{43}{38} = 1\dfrac{5}{38}$

b) $\dfrac{11}{42} + \dfrac{11}{21} = \dfrac{11}{42} + \dfrac{22}{42} = \dfrac{33}{42} = \dfrac{11}{14}$

c) $\dfrac{4}{7} + \dfrac{1}{14} = \dfrac{8}{14} + \dfrac{1}{14} = \dfrac{9}{14}$

d) $\dfrac{29}{38} + \dfrac{10}{19} = \dfrac{29}{38} + \dfrac{20}{38} = \dfrac{49}{38} = 1\dfrac{11}{38}$