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

1)   a) $\dfrac{9}{20} + \dfrac{4}{15} =$ b) $\dfrac{1}{8} + \dfrac{11}{24} =$

     c) $\dfrac{23}{30} + \dfrac{13}{20} =$ d) $\dfrac{2}{35} + \dfrac{1}{5} =$

2)   a) $\dfrac{3}{10} + \dfrac{7}{25} =$ b) $\dfrac{11}{34} + \dfrac{15}{17} =$

     c) $\dfrac{17}{28} + \dfrac{1}{2} =$ d) $\dfrac{3}{5} + \dfrac{2}{7} =$

3)   a) $\dfrac{1}{3} + \dfrac{22}{27} =$ b) $\dfrac{7}{8} + \dfrac{3}{40} =$

     c) $\dfrac{13}{15} + \dfrac{4}{45} =$ d) $\dfrac{1}{6} + \dfrac{17}{21} =$

4)   a) $\dfrac{5}{8} + \dfrac{2}{3} =$ b) $\dfrac{4}{15} + \dfrac{7}{12} =$

     c) $\dfrac{9}{16} + \dfrac{5}{24} =$ d) $\dfrac{26}{45} + \dfrac{8}{15} =$

5)   a) $\dfrac{5}{18} + \dfrac{7}{9} =$ b) $\dfrac{3}{16} + \dfrac{3}{32} =$

     c) $\dfrac{17}{20} + \dfrac{1}{5} =$ d) $\dfrac{11}{25} + \dfrac{7}{10} =$

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

① a) $\dfrac{9}{20} + \dfrac{4}{15} = \dfrac{27}{60} + \dfrac{16}{60} = \dfrac{43}{60}$

b) $\dfrac{1}{8} + \dfrac{11}{24} = \dfrac{3}{24} + \dfrac{11}{24} = \dfrac{14}{24} = \dfrac{7}{12}$

c) $\dfrac{23}{30} + \dfrac{13}{20} = \dfrac{46}{60} + \dfrac{39}{60} = \dfrac{85}{60} = 1\dfrac{5}{12}$

d) $\dfrac{2}{35} + \dfrac{1}{5} = \dfrac{2}{35} + \dfrac{7}{35} = \dfrac{9}{35}$

② a) $\dfrac{3}{10} + \dfrac{7}{25} = \dfrac{15}{50} + \dfrac{14}{50} = \dfrac{29}{50}$

b) $\dfrac{11}{34} + \dfrac{15}{17} = \dfrac{11}{34} + \dfrac{30}{34} = \dfrac{41}{34} = 1\dfrac{7}{34}$

c) $\dfrac{17}{28} + \dfrac{1}{2} = \dfrac{17}{28} + \dfrac{14}{28} = \dfrac{31}{28} = 1\dfrac{3}{28}$

d) $\dfrac{3}{5} + \dfrac{2}{7} = \dfrac{21}{35} + \dfrac{10}{35} = \dfrac{31}{35}$

③ a) $\dfrac{1}{3} + \dfrac{22}{27} = \dfrac{9}{27} + \dfrac{22}{27} = \dfrac{31}{27} = 1\dfrac{4}{27}$

b) $\dfrac{7}{8} + \dfrac{3}{40} = \dfrac{35}{40} + \dfrac{3}{40} = \dfrac{38}{40} = \dfrac{19}{20}$

c) $\dfrac{13}{15} + \dfrac{4}{45} = \dfrac{39}{45} + \dfrac{4}{45} = \dfrac{43}{45}$

d) $\dfrac{1}{6} + \dfrac{17}{21} = \dfrac{7}{42} + \dfrac{34}{42} = \dfrac{41}{42}$

④ a) $\dfrac{5}{8} + \dfrac{2}{3} = \dfrac{15}{24} + \dfrac{16}{24} = \dfrac{31}{24} = 1\dfrac{7}{24}$

b) $\dfrac{4}{15} + \dfrac{7}{12} = \dfrac{16}{60} + \dfrac{35}{60} = \dfrac{51}{60} = \dfrac{17}{20}$

c) $\dfrac{9}{16} + \dfrac{5}{24} = \dfrac{27}{48} + \dfrac{10}{48} = \dfrac{37}{48}$

d) $\dfrac{26}{45} + \dfrac{8}{15} = \dfrac{26}{45} + \dfrac{24}{45} = \dfrac{50}{45} = 1\dfrac{1}{9}$

⑤ a) $\dfrac{5}{18} + \dfrac{7}{9} = \dfrac{5}{18} + \dfrac{14}{18} = \dfrac{19}{18} = 1\dfrac{1}{18}$

b) $\dfrac{3}{16} + \dfrac{3}{32} = \dfrac{6}{32} + \dfrac{3}{32} = \dfrac{9}{32}$

c) $\dfrac{17}{20} + \dfrac{1}{5} = \dfrac{17}{20} + \dfrac{4}{20} = \dfrac{21}{20} = 1\dfrac{1}{20}$

d) $\dfrac{11}{25} + \dfrac{7}{10} = \dfrac{22}{50} + \dfrac{35}{50} = \dfrac{57}{50} = 1\dfrac{7}{50}$