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

1 a) $\dfrac{17}{40} + \dfrac{9}{20} =$

b) $\dfrac{1}{5} + \dfrac{1}{35} =$

c) $\dfrac{5}{7} + \dfrac{5}{28} =$

d) $\dfrac{17}{30} + \dfrac{9}{10} =$

2 a) $\dfrac{1}{6} + \dfrac{11}{24} =$

b) $\dfrac{27}{44} + \dfrac{4}{11} =$

c) $\dfrac{9}{38} + \dfrac{16}{19} =$

d) $\dfrac{7}{18} + \dfrac{11}{12} =$

3 a) $\dfrac{8}{33} + \dfrac{1}{3} =$

b) $\dfrac{17}{42} + \dfrac{13}{21} =$

c) $\dfrac{19}{30} + \dfrac{5}{6} =$

d) $\dfrac{1}{18} + \dfrac{1}{27} =$

4 a) $\dfrac{8}{11} + \dfrac{2}{3} =$

b) $\dfrac{3}{5} + \dfrac{23}{30} =$

c) $\dfrac{2}{9} + \dfrac{22}{45} =$

d) $\dfrac{8}{21} + \dfrac{25}{42} =$

5 a) $\dfrac{4}{5} + \dfrac{19}{40} =$

b) $\dfrac{2}{7} + \dfrac{13}{14} =$

c) $\dfrac{16}{45} + \dfrac{7}{15} =$

d) $\dfrac{15}{17} + \dfrac{23}{34} =$

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

1   a) $\dfrac{17}{40} + \dfrac{9}{20} = \dfrac{17}{40} + \dfrac{18}{40} = \dfrac{35}{40} = \dfrac{7}{8}$

     b) $\dfrac{1}{5} + \dfrac{1}{35} = \dfrac{7}{35} + \dfrac{1}{35} = \dfrac{8}{35}$

     c) $\dfrac{5}{7} + \dfrac{5}{28} = \dfrac{20}{28} + \dfrac{5}{28} = \dfrac{25}{28}$

     d) $\dfrac{17}{30} + \dfrac{9}{10} = \dfrac{17}{30} + \dfrac{27}{30} = \dfrac{44}{30} = 1\dfrac{7}{15}$

2   a) $\dfrac{1}{6} + \dfrac{11}{24} = \dfrac{4}{24} + \dfrac{11}{24} = \dfrac{15}{24} = \dfrac{5}{8}$

     b) $\dfrac{27}{44} + \dfrac{4}{11} = \dfrac{27}{44} + \dfrac{16}{44} = \dfrac{43}{44}$

     c) $\dfrac{9}{38} + \dfrac{16}{19} = \dfrac{9}{38} + \dfrac{32}{38} = \dfrac{41}{38} = 1\dfrac{3}{38}$

     d) $\dfrac{7}{18} + \dfrac{11}{12} = \dfrac{14}{36} + \dfrac{33}{36} = \dfrac{47}{36} = 1\dfrac{11}{36}$

3   a) $\dfrac{8}{33} + \dfrac{1}{3} = \dfrac{8}{33} + \dfrac{11}{33} = \dfrac{19}{33}$

     b) $\dfrac{17}{42} + \dfrac{13}{21} = \dfrac{17}{42} + \dfrac{26}{42} = \dfrac{43}{42} = 1\dfrac{1}{42}$

     c) $\dfrac{19}{30} + \dfrac{5}{6} = \dfrac{19}{30} + \dfrac{25}{30} = \dfrac{44}{30} = 1\dfrac{7}{15}$

     d) $\dfrac{1}{18} + \dfrac{1}{27} = \dfrac{3}{54} + \dfrac{2}{54} = \dfrac{5}{54}$

4   a) $\dfrac{8}{11} + \dfrac{2}{3} = \dfrac{24}{33} + \dfrac{22}{33} = \dfrac{46}{33} = 1\dfrac{13}{33}$

     b) $\dfrac{3}{5} + \dfrac{23}{30} = \dfrac{18}{30} + \dfrac{23}{30} = \dfrac{41}{30} = 1\dfrac{11}{30}$

     c) $\dfrac{2}{9} + \dfrac{22}{45} = \dfrac{10}{45} + \dfrac{22}{45} = \dfrac{32}{45}$

     d) $\dfrac{8}{21} + \dfrac{25}{42} = \dfrac{16}{42} + \dfrac{25}{42} = \dfrac{41}{42}$

5   a) $\dfrac{4}{5} + \dfrac{19}{40} = \dfrac{32}{40} + \dfrac{19}{40} = \dfrac{51}{40} = 1\dfrac{11}{40}$

     b) $\dfrac{2}{7} + \dfrac{13}{14} = \dfrac{4}{14} + \dfrac{13}{14} = \dfrac{17}{14} = 1\dfrac{3}{14}$

     c) $\dfrac{16}{45} + \dfrac{7}{15} = \dfrac{16}{45} + \dfrac{21}{45} = \dfrac{37}{45}$

     d) $\dfrac{15}{17} + \dfrac{23}{34} = \dfrac{30}{34} + \dfrac{23}{34} = \dfrac{53}{34} = 1\dfrac{19}{34}$