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

1   a) $\dfrac{3}{16} + \dfrac{1}{6} =$ b) $\dfrac{5}{14} + \dfrac{25}{42} =$

c) $\dfrac{29}{30} + \dfrac{17}{20} =$ d) $\dfrac{4}{21} + \dfrac{3}{14} =$

2   a) $\dfrac{1}{16} + \dfrac{13}{24} =$ b) $\dfrac{22}{27} + \dfrac{1}{3} =$

c) $\dfrac{11}{14} + \dfrac{19}{21} =$ d) $\dfrac{7}{10} + \dfrac{7}{25} =$

3   a) $\dfrac{4}{9} + \dfrac{26}{27} =$ b) $\dfrac{8}{15} + \dfrac{3}{4} =$

c) $\dfrac{1}{2} + \dfrac{1}{32} =$ d) $\dfrac{7}{20} + \dfrac{14}{15} =$

4   a) $\dfrac{11}{24} + \dfrac{7}{12} =$ b) $\dfrac{1}{6} + \dfrac{8}{21} =$

c) $\dfrac{9}{20} + \dfrac{3}{40} =$ d) $\dfrac{18}{19} + \dfrac{2}{3} =$

5   a) $\dfrac{23}{38} + \dfrac{17}{19} =$ b) $\dfrac{7}{11} + \dfrac{9}{44} =$

c) $\dfrac{5}{9} + \dfrac{4}{5} =$ d) $\dfrac{21}{34} + \dfrac{7}{17} =$

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

1) a) $\dfrac{3}{16} + \dfrac{1}{6} = \dfrac{9}{48} + \dfrac{8}{48} = \dfrac{17}{48}$ b) $\dfrac{5}{14} + \dfrac{25}{42} = \dfrac{15}{42} + \dfrac{25}{42} = \dfrac{40}{42} = \dfrac{20}{21}$

c) $\dfrac{29}{30} + \dfrac{17}{20} = \dfrac{58}{60} + \dfrac{51}{60} = \dfrac{109}{60} = 1\dfrac{49}{60}$ d) $\dfrac{4}{21} + \dfrac{3}{14} = \dfrac{8}{42} + \dfrac{9}{42} = \dfrac{17}{42}$

2) a) $\dfrac{1}{16} + \dfrac{13}{24} = \dfrac{3}{48} + \dfrac{26}{48} = \dfrac{29}{48}$ b) $\dfrac{22}{27} + \dfrac{1}{3} = \dfrac{22}{27} + \dfrac{9}{27} = \dfrac{31}{27} = 1\dfrac{4}{27}$

c) $\dfrac{11}{14} + \dfrac{19}{21} = \dfrac{33}{42} + \dfrac{38}{42} = \dfrac{71}{42} = 1\dfrac{29}{42}$ d) $\dfrac{7}{10} + \dfrac{7}{25} = \dfrac{35}{50} + \dfrac{14}{50} = \dfrac{49}{50}$

3) a) $\dfrac{4}{9} + \dfrac{26}{27} = \dfrac{12}{27} + \dfrac{26}{27} = \dfrac{38}{27} = 1\dfrac{11}{27}$ b) $\dfrac{8}{15} + \dfrac{3}{4} = \dfrac{32}{60} + \dfrac{45}{60} = \dfrac{77}{60} = 1\dfrac{17}{60}$

c) $\dfrac{1}{2} + \dfrac{1}{32} = \dfrac{16}{32} + \dfrac{1}{32} = \dfrac{17}{32}$ d) $\dfrac{7}{20} + \dfrac{14}{15} = \dfrac{21}{60} + \dfrac{56}{60} = \dfrac{77}{60} = 1\dfrac{17}{60}$

4) a) $\dfrac{11}{24} + \dfrac{7}{12} = \dfrac{11}{24} + \dfrac{14}{24} = \dfrac{25}{24} = 1\dfrac{1}{24}$ b) $\dfrac{1}{6} + \dfrac{8}{21} = \dfrac{7}{42} + \dfrac{16}{42} = \dfrac{23}{42}$

c) $\dfrac{9}{20} + \dfrac{3}{40} = \dfrac{18}{40} + \dfrac{3}{40} = \dfrac{21}{40}$ d) $\dfrac{18}{19} + \dfrac{2}{3} = \dfrac{54}{57} + \dfrac{38}{57} = \dfrac{92}{57} = 1\dfrac{35}{57}$

5) a) $\dfrac{23}{38} + \dfrac{17}{19} = \dfrac{23}{38} + \dfrac{34}{38} = \dfrac{57}{38} = 1\dfrac{1}{2}$ b) $\dfrac{7}{11} + \dfrac{9}{44} = \dfrac{28}{44} + \dfrac{9}{44} = \dfrac{37}{44}$

c) $\dfrac{5}{9} + \dfrac{4}{5} = \dfrac{25}{45} + \dfrac{36}{45} = \dfrac{61}{45} = 1\dfrac{16}{45}$ d) $\dfrac{21}{34} + \dfrac{7}{17} = \dfrac{21}{34} + \dfrac{14}{34} = \dfrac{35}{34} = 1\dfrac{1}{34}$