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

1 a) $\dfrac{27}{38} + \dfrac{7}{19} =$

b) $\dfrac{21}{40} + \dfrac{17}{20} =$

c) $\dfrac{1}{2} + \dfrac{14}{29} =$

d) $\dfrac{17}{21} + \dfrac{11}{14} =$

2 a) $\dfrac{5}{14} + \dfrac{7}{8} =$

b) $\dfrac{23}{44} + \dfrac{3}{22} =$

c) $\dfrac{9}{10} + \dfrac{1}{25} =$

d) $\dfrac{5}{6} + \dfrac{11}{12} =$

3 a) $\dfrac{29}{36} + \dfrac{5}{18} =$

b) $\dfrac{1}{8} + \dfrac{3}{16} =$

c) $\dfrac{23}{24} + \dfrac{1}{12} =$

d) $\dfrac{3}{5} + \dfrac{4}{7} =$

4 a) $\dfrac{5}{22} + \dfrac{21}{44} =$

b) $\dfrac{17}{19} + \dfrac{29}{38} =$

c) $\dfrac{11}{28} + \dfrac{6}{7} =$

d) $\dfrac{3}{32} + \dfrac{1}{2} =$

5 a) $\dfrac{4}{5} + \dfrac{17}{30} =$

b) $\dfrac{23}{38} + \dfrac{8}{19} =$

c) $\dfrac{9}{17} + \dfrac{7}{34} =$

d) $\dfrac{7}{12} + \dfrac{11}{30} =$

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

1 a) $\dfrac{27}{38} + \dfrac{7}{19} = \dfrac{27}{38} + \dfrac{14}{38} = \dfrac{41}{38} = 1\dfrac{3}{38}$

 b) $\dfrac{21}{40} + \dfrac{17}{20} = \dfrac{21}{40} + \dfrac{34}{40} = \dfrac{55}{40} = 1\dfrac{3}{8}$

 c) $\dfrac{1}{2} + \dfrac{14}{29} = \dfrac{29}{58} + \dfrac{28}{58} = \dfrac{57}{58}$

 d) $\dfrac{17}{21} + \dfrac{11}{14} = \dfrac{34}{42} + \dfrac{33}{42} = \dfrac{67}{42} = 1\dfrac{25}{42}$

2 a) $\dfrac{5}{14} + \dfrac{7}{8} = \dfrac{20}{56} + \dfrac{49}{56} = \dfrac{69}{56} = 1\dfrac{13}{56}$

 b) $\dfrac{23}{44} + \dfrac{3}{22} = \dfrac{23}{44} + \dfrac{6}{44} = \dfrac{29}{44}$

 c) $\dfrac{9}{10} + \dfrac{1}{25} = \dfrac{45}{50} + \dfrac{2}{50} = \dfrac{47}{50}$

 d) $\dfrac{5}{6} + \dfrac{11}{12} = \dfrac{10}{12} + \dfrac{11}{12} = \dfrac{21}{12} = 1\dfrac{3}{4}$

3 a) $\dfrac{29}{36} + \dfrac{5}{18} = \dfrac{29}{36} + \dfrac{10}{36} = \dfrac{39}{36} = 1\dfrac{1}{12}$

 b) $\dfrac{1}{8} + \dfrac{3}{16} = \dfrac{2}{16} + \dfrac{3}{16} = \dfrac{5}{16}$

 c) $\dfrac{23}{24} + \dfrac{1}{12} = \dfrac{23}{24} + \dfrac{2}{24} = \dfrac{25}{24} = 1\dfrac{1}{24}$

 d) $\dfrac{3}{5} + \dfrac{4}{7} = \dfrac{21}{35} + \dfrac{20}{35} = \dfrac{41}{35} = 1\dfrac{6}{35}$

4 a) $\dfrac{5}{22} + \dfrac{21}{44} = \dfrac{10}{44} + \dfrac{21}{44} = \dfrac{31}{44}$

 b) $\dfrac{17}{19} + \dfrac{29}{38} = \dfrac{34}{38} + \dfrac{29}{38} = \dfrac{63}{38} = 1\dfrac{25}{38}$

 c) $\dfrac{11}{28} + \dfrac{6}{7} = \dfrac{11}{28} + \dfrac{24}{28} = \dfrac{35}{28} = 1\dfrac{1}{4}$

 d) $\dfrac{3}{32} + \dfrac{1}{2} = \dfrac{3}{32} + \dfrac{16}{32} = \dfrac{19}{32}$

5 a) $\dfrac{4}{5} + \dfrac{17}{30} = \dfrac{24}{30} + \dfrac{17}{30} = \dfrac{41}{30} = 1\dfrac{11}{30}$

 b) $\dfrac{23}{38} + \dfrac{8}{19} = \dfrac{23}{38} + \dfrac{16}{38} = \dfrac{39}{38} = 1\dfrac{1}{38}$

 c) $\dfrac{9}{17} + \dfrac{7}{34} = \dfrac{18}{34} + \dfrac{7}{34} = \dfrac{25}{34}$

 d) $\dfrac{7}{12} + \dfrac{11}{30} = \dfrac{35}{60} + \dfrac{22}{60} = \dfrac{57}{60} = \dfrac{19}{20}$