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

1 a) $\dfrac{1}{2} + \dfrac{19}{30} =$ b) $\dfrac{3}{4} + \dfrac{11}{12} =$

c) $\dfrac{17}{44} + \dfrac{3}{22} =$ d) $\dfrac{11}{39} + \dfrac{7}{13} =$

2 a) $\dfrac{19}{33} + \dfrac{2}{3} =$ b) $\dfrac{3}{5} + \dfrac{4}{9} =$

c) $\dfrac{9}{22} + \dfrac{3}{44} =$ d) $\dfrac{1}{6} + \dfrac{19}{42} =$

3 a) $\dfrac{3}{40} + \dfrac{5}{8} =$ b) $\dfrac{2}{5} + \dfrac{9}{20} =$

c) $\dfrac{5}{9} + \dfrac{1}{18} =$ d) $\dfrac{16}{21} + \dfrac{5}{14} =$

4 a) $\dfrac{7}{11} + \dfrac{25}{33} =$ b) $\dfrac{1}{42} + \dfrac{6}{7} =$

c) $\dfrac{4}{15} + \dfrac{1}{4} =$ d) $\dfrac{2}{7} + \dfrac{4}{5} =$

5 a) $\dfrac{11}{20} + \dfrac{7}{10} =$ b) $\dfrac{1}{9} + \dfrac{20}{27} =$

c) $\dfrac{25}{44} + \dfrac{4}{11} =$ d) $\dfrac{13}{38} + \dfrac{17}{19} =$

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

① a) $\dfrac{1}{2} + \dfrac{19}{30} = \dfrac{15}{30} + \dfrac{19}{30} = \dfrac{34}{30} = 1\dfrac{2}{15}$

b) $\dfrac{3}{4} + \dfrac{11}{12} = \dfrac{9}{12} + \dfrac{11}{12} = \dfrac{20}{12} = 1\dfrac{2}{3}$

c) $\dfrac{17}{44} + \dfrac{3}{22} = \dfrac{17}{44} + \dfrac{6}{44} = \dfrac{23}{44}$

d) $\dfrac{11}{39} + \dfrac{7}{13} = \dfrac{11}{39} + \dfrac{21}{39} = \dfrac{32}{39}$

② a) $\dfrac{19}{33} + \dfrac{2}{3} = \dfrac{19}{33} + \dfrac{22}{33} = \dfrac{41}{33} = 1\dfrac{8}{33}$

b) $\dfrac{3}{5} + \dfrac{4}{9} = \dfrac{27}{45} + \dfrac{20}{45} = \dfrac{47}{45} = 1\dfrac{2}{45}$

c) $\dfrac{9}{22} + \dfrac{3}{44} = \dfrac{18}{44} + \dfrac{3}{44} = \dfrac{21}{44}$

d) $\dfrac{1}{6} + \dfrac{19}{42} = \dfrac{7}{42} + \dfrac{19}{42} = \dfrac{26}{42} = \dfrac{13}{21}$

③ a) $\dfrac{3}{40} + \dfrac{5}{8} = \dfrac{3}{40} + \dfrac{25}{40} = \dfrac{28}{40} = \dfrac{7}{10}$

b) $\dfrac{2}{5} + \dfrac{9}{20} = \dfrac{8}{20} + \dfrac{9}{20} = \dfrac{17}{20}$

c) $\dfrac{5}{9} + \dfrac{1}{18} = \dfrac{10}{18} + \dfrac{1}{18} = \dfrac{11}{18}$

d) $\dfrac{16}{21} + \dfrac{5}{14} = \dfrac{32}{42} + \dfrac{15}{42} = \dfrac{47}{42} = 1\dfrac{5}{42}$

④ a) $\dfrac{7}{11} + \dfrac{25}{33} = \dfrac{21}{33} + \dfrac{25}{33} = \dfrac{46}{33} = 1\dfrac{13}{33}$

b) $\dfrac{1}{42} + \dfrac{6}{7} = \dfrac{1}{42} + \dfrac{36}{42} = \dfrac{37}{42}$

c) $\dfrac{4}{15} + \dfrac{1}{4} = \dfrac{16}{60} + \dfrac{15}{60} = \dfrac{31}{60}$

d) $\dfrac{2}{7} + \dfrac{4}{5} = \dfrac{10}{35} + \dfrac{28}{35} = \dfrac{38}{35} = 1\dfrac{3}{35}$

⑤ a) $\dfrac{11}{20} + \dfrac{7}{10} = \dfrac{11}{20} + \dfrac{14}{20} = \dfrac{25}{20} = 1\dfrac{1}{4}$

b) $\dfrac{1}{9} + \dfrac{20}{27} = \dfrac{3}{27} + \dfrac{20}{27} = \dfrac{23}{27}$

c) $\dfrac{25}{44} + \dfrac{4}{11} = \dfrac{25}{44} + \dfrac{16}{44} = \dfrac{41}{44}$

d) $\dfrac{13}{38} + \dfrac{17}{19} = \dfrac{13}{38} + \dfrac{34}{38} = \dfrac{47}{38} = 1\dfrac{9}{38}$