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

1 a) $\dfrac{2}{3} + \dfrac{13}{45} =$ b) $\dfrac{11}{18} + \dfrac{1}{4} =$

c) $\dfrac{8}{15} + \dfrac{7}{9} =$ d) $\dfrac{13}{38} + \dfrac{13}{19} =$

2 a) $\dfrac{1}{3} + \dfrac{1}{20} =$ b) $\dfrac{5}{6} + \dfrac{2}{21} =$

c) $\dfrac{7}{36} + \dfrac{13}{18} =$ d) $\dfrac{6}{11} + \dfrac{7}{33} =$

3 a) $\dfrac{11}{28} + \dfrac{5}{7} =$ b) $\dfrac{1}{9} + \dfrac{19}{45} =$

c) $\dfrac{4}{11} + \dfrac{16}{33} =$ d) $\dfrac{17}{18} + \dfrac{5}{9} =$

4 a) $\dfrac{19}{34} + \dfrac{10}{17} =$ b) $\dfrac{2}{15} + \dfrac{1}{4} =$

c) $\dfrac{10}{11} + \dfrac{14}{33} =$ d) $\dfrac{4}{5} + \dfrac{3}{40} =$

5 a) $\dfrac{1}{17} + \dfrac{25}{34} =$ b) $\dfrac{5}{13} + \dfrac{17}{26} =$

c) $\dfrac{11}{34} + \dfrac{12}{17} =$ d) $\dfrac{9}{44} + \dfrac{15}{22} =$

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

① a) $\dfrac{2}{3} + \dfrac{13}{45} = \dfrac{30}{45} + \dfrac{13}{45} = \dfrac{43}{45}$

b) $\dfrac{11}{18} + \dfrac{1}{4} = \dfrac{22}{36} + \dfrac{9}{36} = \dfrac{31}{36}$

c) $\dfrac{8}{15} + \dfrac{7}{9} = \dfrac{24}{45} + \dfrac{35}{45} = \dfrac{59}{45} = 1\dfrac{14}{45}$

d) $\dfrac{13}{38} + \dfrac{13}{19} = \dfrac{13}{38} + \dfrac{26}{38} = \dfrac{39}{38} = 1\dfrac{1}{38}$

② a) $\dfrac{1}{3} + \dfrac{1}{20} = \dfrac{20}{60} + \dfrac{3}{60} = \dfrac{23}{60}$

b) $\dfrac{5}{6} + \dfrac{2}{21} = \dfrac{35}{42} + \dfrac{4}{42} = \dfrac{39}{42} = \dfrac{13}{14}$

c) $\dfrac{7}{36} + \dfrac{13}{18} = \dfrac{7}{36} + \dfrac{26}{36} = \dfrac{33}{36} = \dfrac{11}{12}$

d) $\dfrac{6}{11} + \dfrac{7}{33} = \dfrac{18}{33} + \dfrac{7}{33} = \dfrac{25}{33}$

③ a) $\dfrac{11}{28} + \dfrac{5}{7} = \dfrac{11}{28} + \dfrac{20}{28} = \dfrac{31}{28} = 1\dfrac{3}{28}$

b) $\dfrac{1}{9} + \dfrac{19}{45} = \dfrac{5}{45} + \dfrac{19}{45} = \dfrac{24}{45} = \dfrac{8}{15}$

c) $\dfrac{4}{11} + \dfrac{16}{33} = \dfrac{12}{33} + \dfrac{16}{33} = \dfrac{28}{33}$

d) $\dfrac{17}{18} + \dfrac{5}{9} = \dfrac{17}{18} + \dfrac{10}{18} = \dfrac{27}{18} = 1\dfrac{1}{2}$

④ a) $\dfrac{19}{34} + \dfrac{10}{17} = \dfrac{19}{34} + \dfrac{20}{34} = \dfrac{39}{34} = 1\dfrac{5}{34}$

b) $\dfrac{2}{15} + \dfrac{1}{4} = \dfrac{8}{60} + \dfrac{15}{60} = \dfrac{23}{60}$

c) $\dfrac{10}{11} + \dfrac{14}{33} = \dfrac{30}{33} + \dfrac{14}{33} = \dfrac{44}{33} = 1\dfrac{1}{3}$

d) $\dfrac{4}{5} + \dfrac{3}{40} = \dfrac{32}{40} + \dfrac{3}{40} = \dfrac{35}{40} = \dfrac{7}{8}$

⑤ a) $\dfrac{1}{17} + \dfrac{25}{34} = \dfrac{2}{34} + \dfrac{25}{34} = \dfrac{27}{34}$

b) $\dfrac{5}{13} + \dfrac{17}{26} = \dfrac{10}{26} + \dfrac{17}{26} = \dfrac{27}{26} = 1\dfrac{1}{26}$

c) $\dfrac{11}{34} + \dfrac{12}{17} = \dfrac{11}{34} + \dfrac{24}{34} = \dfrac{35}{34} = 1\dfrac{1}{34}$

d) $\dfrac{9}{44} + \dfrac{15}{22} = \dfrac{9}{44} + \dfrac{30}{44} = \dfrac{39}{44}$