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

① a) $\dfrac{7}{11} + \dfrac{21}{44} =$

b) $\dfrac{11}{18} + \dfrac{19}{36} =$

c) $\dfrac{2}{7} + \dfrac{1}{28} =$

d) $\dfrac{1}{17} + \dfrac{5}{34} =$

② a) $\dfrac{8}{9} + \dfrac{4}{5} =$

b) $\dfrac{29}{40} + \dfrac{11}{20} =$

c) $\dfrac{6}{13} + \dfrac{1}{3} =$

d) $\dfrac{1}{2} + \dfrac{18}{23} =$

③ a) $\dfrac{17}{28} + \dfrac{4}{7} =$

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

c) $\dfrac{5}{13} + \dfrac{28}{39} =$

d) $\dfrac{29}{34} + \dfrac{15}{17} =$

④ a) $\dfrac{1}{20} + \dfrac{7}{15} =$

b) $\dfrac{3}{4} + \dfrac{23}{40} =$

c) $\dfrac{17}{26} + \dfrac{9}{13} =$

d) $\dfrac{7}{13} + \dfrac{7}{26} =$

⑤ a) $\dfrac{5}{14} + \dfrac{5}{6} =$

b) $\dfrac{25}{42} + \dfrac{20}{21} =$

c) $\dfrac{4}{13} + \dfrac{10}{39} =$

d) $\dfrac{8}{11} + \dfrac{26}{33} =$

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

1   a) $\dfrac{7}{11} + \dfrac{21}{44} = \dfrac{28}{44} + \dfrac{21}{44} = \dfrac{49}{44} = 1\dfrac{5}{44}$ b) $\dfrac{11}{18} + \dfrac{19}{36} = \dfrac{22}{36} + \dfrac{19}{36} = \dfrac{41}{36} = 1\dfrac{5}{36}$

     c) $\dfrac{2}{7} + \dfrac{1}{28} = \dfrac{8}{28} + \dfrac{1}{28} = \dfrac{9}{28}$ d) $\dfrac{1}{17} + \dfrac{5}{34} = \dfrac{2}{34} + \dfrac{5}{34} = \dfrac{7}{34}$

2   a) $\dfrac{8}{9} + \dfrac{4}{5} = \dfrac{40}{45} + \dfrac{36}{45} = \dfrac{76}{45} = 1\dfrac{31}{45}$ b) $\dfrac{29}{40} + \dfrac{11}{20} = \dfrac{29}{40} + \dfrac{22}{40} = \dfrac{51}{40} = 1\dfrac{11}{40}$

     c) $\dfrac{6}{13} + \dfrac{1}{3} = \dfrac{18}{39} + \dfrac{13}{39} = \dfrac{31}{39}$ d) $\dfrac{1}{2} + \dfrac{18}{23} = \dfrac{23}{46} + \dfrac{36}{46} = \dfrac{59}{46} = 1\dfrac{13}{46}$

3   a) $\dfrac{17}{28} + \dfrac{4}{7} = \dfrac{17}{28} + \dfrac{16}{28} = \dfrac{33}{28} = 1\dfrac{5}{28}$ b) $\dfrac{9}{20} + \dfrac{1}{40} = \dfrac{18}{40} + \dfrac{1}{40} = \dfrac{19}{40}$

     c) $\dfrac{5}{13} + \dfrac{28}{39} = \dfrac{15}{39} + \dfrac{28}{39} = \dfrac{43}{39} = 1\dfrac{4}{39}$ d) $\dfrac{29}{34} + \dfrac{15}{17} = \dfrac{29}{34} + \dfrac{30}{34} = \dfrac{59}{34} = 1\dfrac{25}{34}$

4   a) $\dfrac{1}{20} + \dfrac{7}{15} = \dfrac{3}{60} + \dfrac{28}{60} = \dfrac{31}{60}$ b) $\dfrac{3}{4} + \dfrac{23}{40} = \dfrac{30}{40} + \dfrac{23}{40} = \dfrac{53}{40} = 1\dfrac{13}{40}$

     c) $\dfrac{17}{26} + \dfrac{9}{13} = \dfrac{17}{26} + \dfrac{18}{26} = \dfrac{35}{26} = 1\dfrac{9}{26}$ d) $\dfrac{7}{13} + \dfrac{7}{26} = \dfrac{14}{26} + \dfrac{7}{26} = \dfrac{21}{26}$

5   a) $\dfrac{5}{14} + \dfrac{5}{6} = \dfrac{15}{42} + \dfrac{35}{42} = \dfrac{50}{42} = 1\dfrac{4}{21}$ b) $\dfrac{25}{42} + \dfrac{20}{21} = \dfrac{25}{42} + \dfrac{40}{42} = \dfrac{65}{42} = 1\dfrac{23}{42}$

     c) $\dfrac{4}{13} + \dfrac{10}{39} = \dfrac{12}{39} + \dfrac{10}{39} = \dfrac{22}{39}$ d) $\dfrac{8}{11} + \dfrac{26}{33} = \dfrac{24}{33} + \dfrac{26}{33} = \dfrac{50}{33} = 1\dfrac{17}{33}$