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

1 a) $\dfrac{3}{26} + \dfrac{11}{13} =$

b) $\dfrac{1}{2} + \dfrac{19}{24} =$

c) $\dfrac{7}{12} + \dfrac{13}{18} =$

d) $\dfrac{9}{17} + \dfrac{11}{34} =$

2 a) $\dfrac{1}{44} + \dfrac{21}{22} =$

b) $\dfrac{4}{7} + \dfrac{5}{28} =$

c) $\dfrac{14}{45} + \dfrac{11}{15} =$

d) $\dfrac{5}{9} + \dfrac{2}{5} =$

3 a) $\dfrac{23}{24} + \dfrac{1}{16} =$

b) $\dfrac{8}{33} + \dfrac{10}{11} =$

c) $\dfrac{9}{22} + \dfrac{23}{44} =$

d) $\dfrac{2}{9} + \dfrac{1}{6} =$

4 a) $\dfrac{7}{10} + \dfrac{27}{40} =$

b) $\dfrac{11}{16} + \dfrac{3}{8} =$

c) $\dfrac{8}{35} + \dfrac{5}{7} =$

d) $\dfrac{1}{4} + \dfrac{13}{36} =$

5 a) $\dfrac{13}{20} + \dfrac{17}{40} =$

b) $\dfrac{7}{13} + \dfrac{4}{39} =$

c) $\dfrac{17}{18} + \dfrac{2}{3} =$

d) $\dfrac{3}{4} + \dfrac{9}{16} =$

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

1

a) $\dfrac{3}{26} + \dfrac{11}{13} = \dfrac{3}{26} + \dfrac{22}{26} = \dfrac{25}{26}$

b) $\dfrac{1}{2} + \dfrac{19}{24} = \dfrac{12}{24} + \dfrac{19}{24} = \dfrac{31}{24} = 1\dfrac{7}{24}$

c) $\dfrac{7}{12} + \dfrac{13}{18} = \dfrac{21}{36} + \dfrac{26}{36} = \dfrac{47}{36} = 1\dfrac{11}{36}$

d) $\dfrac{9}{17} + \dfrac{11}{34} = \dfrac{18}{34} + \dfrac{11}{34} = \dfrac{29}{34}$

2

a) $\dfrac{1}{44} + \dfrac{21}{22} = \dfrac{1}{44} + \dfrac{42}{44} = \dfrac{43}{44}$

b) $\dfrac{4}{7} + \dfrac{5}{28} = \dfrac{16}{28} + \dfrac{5}{28} = \dfrac{21}{28} = \dfrac{3}{4}$

c) $\dfrac{14}{45} + \dfrac{11}{15} = \dfrac{14}{45} + \dfrac{33}{45} = \dfrac{47}{45} = 1\dfrac{2}{45}$

d) $\dfrac{5}{9} + \dfrac{2}{5} = \dfrac{25}{45} + \dfrac{18}{45} = \dfrac{43}{45}$

3

a) $\dfrac{23}{24} + \dfrac{1}{16} = \dfrac{46}{48} + \dfrac{3}{48} = \dfrac{49}{48} = 1\dfrac{1}{48}$

b) $\dfrac{8}{33} + \dfrac{10}{11} = \dfrac{8}{33} + \dfrac{30}{33} = \dfrac{38}{33} = 1\dfrac{5}{33}$

c) $\dfrac{9}{22} + \dfrac{23}{44} = \dfrac{18}{44} + \dfrac{23}{44} = \dfrac{41}{44}$

d) $\dfrac{2}{9} + \dfrac{1}{6} = \dfrac{4}{18} + \dfrac{3}{18} = \dfrac{7}{18}$

4

a) $\dfrac{7}{10} + \dfrac{27}{40} = \dfrac{28}{40} + \dfrac{27}{40} = \dfrac{55}{40} = 1\dfrac{3}{8}$

b) $\dfrac{11}{16} + \dfrac{3}{8} = \dfrac{11}{16} + \dfrac{6}{16} = \dfrac{17}{16} = 1\dfrac{1}{16}$

c) $\dfrac{8}{35} + \dfrac{5}{7} = \dfrac{8}{35} + \dfrac{25}{35} = \dfrac{33}{35}$

d) $\dfrac{1}{4} + \dfrac{13}{36} = \dfrac{9}{36} + \dfrac{13}{36} = \dfrac{22}{36} = \dfrac{11}{18}$

5

a) $\dfrac{13}{20} + \dfrac{17}{40} = \dfrac{26}{40} + \dfrac{17}{40} = \dfrac{43}{40} = 1\dfrac{3}{40}$

b) $\dfrac{7}{13} + \dfrac{4}{39} = \dfrac{21}{39} + \dfrac{4}{39} = \dfrac{25}{39}$

c) $\dfrac{17}{18} + \dfrac{2}{3} = \dfrac{17}{18} + \dfrac{12}{18} = \dfrac{29}{18} = 1\dfrac{11}{18}$

d) $\dfrac{3}{4} + \dfrac{9}{16} = \dfrac{12}{16} + \dfrac{9}{16} = \dfrac{21}{16} = 1\dfrac{5}{16}$