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

① a) $\dfrac{6}{13} + \dfrac{11}{26} =$

b) $\dfrac{5}{9} + \dfrac{5}{12} =$

c) $\dfrac{23}{42} + \dfrac{4}{7} =$

d) $\dfrac{27}{44} + \dfrac{10}{11} =$

② a) $\dfrac{1}{10} + \dfrac{19}{25} =$

b) $\dfrac{9}{20} + \dfrac{2}{15} =$

c) $\dfrac{5}{8} + \dfrac{11}{40} =$

d) $\dfrac{13}{28} + \dfrac{5}{14} =$

③ a) $\dfrac{23}{32} + \dfrac{7}{16} =$

b) $\dfrac{6}{7} + \dfrac{8}{21} =$

c) $\dfrac{1}{4} + \dfrac{1}{2} =$

d) $\dfrac{17}{40} + \dfrac{11}{20} =$

④ a) $\dfrac{25}{26} + \dfrac{2}{13} =$

b) $\dfrac{1}{5} + \dfrac{13}{15} =$

c) $\dfrac{7}{12} + \dfrac{1}{16} =$

d) $\dfrac{4}{9} + \dfrac{5}{27} =$

⑤ a) $\dfrac{1}{30} + \dfrac{4}{15} =$

b) $\dfrac{11}{18} + \dfrac{8}{9} =$

c) $\dfrac{3}{14} + \dfrac{9}{28} =$

d) $\dfrac{4}{39} + \dfrac{3}{13} =$

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

1 a) $\dfrac{6}{13} + \dfrac{11}{26} = \dfrac{12}{26} + \dfrac{11}{26} = \dfrac{23}{26}$

b) $\dfrac{5}{9} + \dfrac{5}{12} = \dfrac{20}{36} + \dfrac{15}{36} = \dfrac{35}{36}$

c) $\dfrac{23}{42} + \dfrac{4}{7} = \dfrac{23}{42} + \dfrac{24}{42} = \dfrac{47}{42} = 1\dfrac{5}{42}$

d) $\dfrac{27}{44} + \dfrac{10}{11} = \dfrac{27}{44} + \dfrac{40}{44} = \dfrac{67}{44} = 1\dfrac{23}{44}$

2 a) $\dfrac{1}{10} + \dfrac{19}{25} = \dfrac{5}{50} + \dfrac{38}{50} = \dfrac{43}{50}$

b) $\dfrac{9}{20} + \dfrac{2}{15} = \dfrac{27}{60} + \dfrac{8}{60} = \dfrac{35}{60} = \dfrac{7}{12}$

c) $\dfrac{5}{8} + \dfrac{11}{40} = \dfrac{25}{40} + \dfrac{11}{40} = \dfrac{36}{40} = \dfrac{9}{10}$

d) $\dfrac{13}{28} + \dfrac{5}{14} = \dfrac{13}{28} + \dfrac{10}{28} = \dfrac{23}{28}$

3 a) $\dfrac{23}{32} + \dfrac{7}{16} = \dfrac{23}{32} + \dfrac{14}{32} = \dfrac{37}{32} = 1\dfrac{5}{32}$

b) $\dfrac{6}{7} + \dfrac{8}{21} = \dfrac{18}{21} + \dfrac{8}{21} = \dfrac{26}{21} = 1\dfrac{5}{21}$

c) $\dfrac{1}{4} + \dfrac{1}{2} = \dfrac{1}{4} + \dfrac{2}{4} = \dfrac{3}{4}$

d) $\dfrac{17}{40} + \dfrac{11}{20} = \dfrac{17}{40} + \dfrac{22}{40} = \dfrac{39}{40}$

4 a) $\dfrac{25}{26} + \dfrac{2}{13} = \dfrac{25}{26} + \dfrac{4}{26} = \dfrac{29}{26} = 1\dfrac{3}{26}$

b) $\dfrac{1}{5} + \dfrac{13}{15} = \dfrac{3}{15} + \dfrac{13}{15} = \dfrac{16}{15} = 1\dfrac{1}{15}$

c) $\dfrac{7}{12} + \dfrac{1}{16} = \dfrac{28}{48} + \dfrac{3}{48} = \dfrac{31}{48}$

d) $\dfrac{4}{9} + \dfrac{5}{27} = \dfrac{12}{27} + \dfrac{5}{27} = \dfrac{17}{27}$

5 a) $\dfrac{1}{30} + \dfrac{4}{15} = \dfrac{1}{30} + \dfrac{8}{30} = \dfrac{9}{30} = \dfrac{3}{10}$

b) $\dfrac{11}{18} + \dfrac{8}{9} = \dfrac{11}{18} + \dfrac{16}{18} = \dfrac{27}{18} = 1\dfrac{1}{2}$

c) $\dfrac{3}{14} + \dfrac{9}{28} = \dfrac{6}{28} + \dfrac{9}{28} = \dfrac{15}{28}$

d) $\dfrac{4}{39} + \dfrac{3}{13} = \dfrac{4}{39} + \dfrac{9}{39} = \dfrac{13}{39} = \dfrac{1}{3}$