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

① a) $\dfrac{1}{6} + \dfrac{11}{27} =$

b) $\dfrac{3}{14} + \dfrac{19}{42} =$

c) $\dfrac{9}{11} + \dfrac{3}{5} =$

d) $\dfrac{8}{15} + \dfrac{7}{30} =$

② a) $\dfrac{1}{2} + \dfrac{23}{44} =$

b) $\dfrac{23}{39} + \dfrac{1}{13} =$

c) $\dfrac{7}{27} + \dfrac{2}{3} =$

d) $\dfrac{17}{45} + \dfrac{4}{5} =$

③ a) $\dfrac{19}{20} + \dfrac{3}{40} =$

b) $\dfrac{5}{14} + \dfrac{11}{21} =$

c) $\dfrac{29}{30} + \dfrac{7}{15} =$

d) $\dfrac{19}{36} + \dfrac{1}{18} =$

④ a) $\dfrac{3}{11} + \dfrac{2}{5} =$

b) $\dfrac{23}{24} + \dfrac{7}{8} =$

c) $\dfrac{1}{28} + \dfrac{5}{7} =$

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

⑤ a) $\dfrac{12}{13} + \dfrac{1}{39} =$

b) $\dfrac{3}{5} + \dfrac{12}{25} =$

c) $\dfrac{13}{27} + \dfrac{8}{9} =$

d) $\dfrac{27}{44} + \dfrac{2}{11} =$

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

1 a) $\dfrac{1}{6} + \dfrac{11}{27} = \dfrac{9}{54} + \dfrac{22}{54} = \dfrac{31}{54}$

b) $\dfrac{3}{14} + \dfrac{19}{42} = \dfrac{9}{42} + \dfrac{19}{42} = \dfrac{28}{42} = \dfrac{2}{3}$

c) $\dfrac{9}{11} + \dfrac{3}{5} = \dfrac{45}{55} + \dfrac{33}{55} = \dfrac{78}{55} = 1\dfrac{23}{55}$

d) $\dfrac{8}{15} + \dfrac{7}{30} = \dfrac{16}{30} + \dfrac{7}{30} = \dfrac{23}{30}$

2 a) $\dfrac{1}{2} + \dfrac{23}{44} = \dfrac{22}{44} + \dfrac{23}{44} = \dfrac{45}{44} = 1\dfrac{1}{44}$

b) $\dfrac{23}{39} + \dfrac{1}{13} = \dfrac{23}{39} + \dfrac{3}{39} = \dfrac{26}{39} = \dfrac{2}{3}$

c) $\dfrac{7}{27} + \dfrac{2}{3} = \dfrac{7}{27} + \dfrac{18}{27} = \dfrac{25}{27}$

d) $\dfrac{17}{45} + \dfrac{4}{5} = \dfrac{17}{45} + \dfrac{36}{45} = \dfrac{53}{45} = 1\dfrac{8}{45}$

3 a) $\dfrac{19}{20} + \dfrac{3}{40} = \dfrac{38}{40} + \dfrac{3}{40} = \dfrac{41}{40} = 1\dfrac{1}{40}$

b) $\dfrac{5}{14} + \dfrac{11}{21} = \dfrac{15}{42} + \dfrac{22}{42} = \dfrac{37}{42}$

c) $\dfrac{29}{30} + \dfrac{7}{15} = \dfrac{29}{30} + \dfrac{14}{30} = \dfrac{43}{30} = 1\dfrac{13}{30}$

d) $\dfrac{19}{36} + \dfrac{1}{18} = \dfrac{19}{36} + \dfrac{2}{36} = \dfrac{21}{36} = \dfrac{7}{12}$

4 a) $\dfrac{3}{11} + \dfrac{2}{5} = \dfrac{15}{55} + \dfrac{22}{55} = \dfrac{37}{55}$

b) $\dfrac{23}{24} + \dfrac{7}{8} = \dfrac{23}{24} + \dfrac{21}{24} = \dfrac{44}{24} = 1\dfrac{5}{6}$

c) $\dfrac{1}{28} + \dfrac{5}{7} = \dfrac{1}{28} + \dfrac{20}{28} = \dfrac{21}{28} = \dfrac{3}{4}$

d) $\dfrac{4}{9} + \dfrac{4}{27} = \dfrac{12}{27} + \dfrac{4}{27} = \dfrac{16}{27}$

5 a) $\dfrac{12}{13} + \dfrac{1}{39} = \dfrac{36}{39} + \dfrac{1}{39} = \dfrac{37}{39}$

b) $\dfrac{3}{5} + \dfrac{12}{25} = \dfrac{15}{25} + \dfrac{12}{25} = \dfrac{27}{25} = 1\dfrac{2}{25}$

c) $\dfrac{13}{27} + \dfrac{8}{9} = \dfrac{13}{27} + \dfrac{24}{27} = \dfrac{37}{27} = 1\dfrac{10}{27}$

d) $\dfrac{27}{44} + \dfrac{2}{11} = \dfrac{27}{44} + \dfrac{8}{44} = \dfrac{35}{44}$