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

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

b) $\dfrac{6}{25} + \dfrac{3}{5} =$

c) $\dfrac{13}{15} + \dfrac{1}{45} =$

d) $\dfrac{2}{21} + \dfrac{5}{42} =$

② a) $\dfrac{1}{8} + \dfrac{3}{14} =$

b) $\dfrac{3}{4} + \dfrac{21}{22} =$

c) $\dfrac{5}{12} + \dfrac{11}{24} =$

d) $\dfrac{11}{27} + \dfrac{1}{9} =$

③ a) $\dfrac{7}{8} + \dfrac{9}{32} =$

b) $\dfrac{4}{5} + \dfrac{10}{11} =$

c) $\dfrac{1}{10} + \dfrac{19}{40} =$

d) $\dfrac{13}{18} + \dfrac{25}{36} =$

④ a) $\dfrac{15}{16} + \dfrac{23}{24} =$

b) $\dfrac{11}{19} + \dfrac{1}{3} =$

c) $\dfrac{5}{7} + \dfrac{5}{14} =$

d) $\dfrac{13}{27} + \dfrac{11}{18} =$

⑤ a) $\dfrac{11}{15} + \dfrac{3}{20} =$

b) $\dfrac{9}{10} + \dfrac{2}{25} =$

c) $\dfrac{13}{24} + \dfrac{9}{16} =$

d) $\dfrac{7}{20} + \dfrac{29}{40} =$

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

(1) a) $\dfrac{5}{17} + \dfrac{13}{34} = \dfrac{10}{34} + \dfrac{13}{34} = \dfrac{23}{34}$

b) $\dfrac{6}{25} + \dfrac{3}{5} = \dfrac{6}{25} + \dfrac{15}{25} = \dfrac{21}{25}$

c) $\dfrac{13}{15} + \dfrac{1}{45} = \dfrac{39}{45} + \dfrac{1}{45} = \dfrac{40}{45} = \dfrac{8}{9}$

d) $\dfrac{2}{21} + \dfrac{5}{42} = \dfrac{4}{42} + \dfrac{5}{42} = \dfrac{9}{42} = \dfrac{3}{14}$

(2) a) $\dfrac{1}{8} + \dfrac{3}{14} = \dfrac{7}{56} + \dfrac{12}{56} = \dfrac{19}{56}$

b) $\dfrac{3}{4} + \dfrac{21}{22} = \dfrac{33}{44} + \dfrac{42}{44} = \dfrac{75}{44} = 1\dfrac{31}{44}$

c) $\dfrac{5}{12} + \dfrac{11}{24} = \dfrac{10}{24} + \dfrac{11}{24} = \dfrac{21}{24} = \dfrac{7}{8}$

d) $\dfrac{11}{27} + \dfrac{1}{9} = \dfrac{11}{27} + \dfrac{3}{27} = \dfrac{14}{27}$

(3) a) $\dfrac{7}{8} + \dfrac{9}{32} = \dfrac{28}{32} + \dfrac{9}{32} = \dfrac{37}{32} = 1\dfrac{5}{32}$

b) $\dfrac{4}{5} + \dfrac{10}{11} = \dfrac{44}{55} + \dfrac{50}{55} = \dfrac{94}{55} = 1\dfrac{39}{55}$

c) $\dfrac{1}{10} + \dfrac{19}{40} = \dfrac{4}{40} + \dfrac{19}{40} = \dfrac{23}{40}$

d) $\dfrac{13}{18} + \dfrac{25}{36} = \dfrac{26}{36} + \dfrac{25}{36} = \dfrac{51}{36} = 1\dfrac{5}{12}$

(4) a) $\dfrac{15}{16} + \dfrac{23}{24} = \dfrac{45}{48} + \dfrac{46}{48} = \dfrac{91}{48} = 1\dfrac{43}{48}$

b) $\dfrac{11}{19} + \dfrac{1}{3} = \dfrac{33}{57} + \dfrac{19}{57} = \dfrac{52}{57}$

c) $\dfrac{5}{7} + \dfrac{5}{14} = \dfrac{10}{14} + \dfrac{5}{14} = \dfrac{15}{14} = 1\dfrac{1}{14}$

d) $\dfrac{13}{27} + \dfrac{11}{18} = \dfrac{26}{54} + \dfrac{33}{54} = \dfrac{59}{54} = 1\dfrac{5}{54}$

(5) a) $\dfrac{11}{15} + \dfrac{3}{20} = \dfrac{44}{60} + \dfrac{9}{60} = \dfrac{53}{60}$

b) $\dfrac{9}{10} + \dfrac{2}{25} = \dfrac{45}{50} + \dfrac{4}{50} = \dfrac{49}{50}$

c) $\dfrac{13}{24} + \dfrac{9}{16} = \dfrac{26}{48} + \dfrac{27}{48} = \dfrac{53}{48} = 1\dfrac{5}{48}$

d) $\dfrac{7}{20} + \dfrac{29}{40} = \dfrac{14}{40} + \dfrac{29}{40} = \dfrac{43}{40} = 1\dfrac{3}{40}$