

Wandle die gemischten Zahlen in unechte Brüche um:

① a) $3\frac{1}{15} =$

b) $1\frac{2}{45} =$

c) $11\frac{1}{2} =$

d) $4\frac{5}{6} =$

② a) $11\frac{3}{4} =$

b) $2\frac{11}{13} =$

c) $1\frac{13}{33} =$

d) $3\frac{9}{10} =$

③ a) $13\frac{1}{3} =$

b) $2\frac{1}{15} =$

c) $1\frac{10}{21} =$

d) $2\frac{11}{19} =$

④ a) $1\frac{11}{24} =$

b) $5\frac{4}{5} =$

c) $3\frac{1}{7} =$

d) $1\frac{11}{30} =$

⑤ a) $3\frac{4}{5} =$

b) $2\frac{15}{17} =$

c) $1\frac{7}{11} =$

d) $2\frac{11}{12} =$

Wandle die gemischten Zahlen in unechte Brüche um:

① a) $3\frac{1}{15} = \frac{45}{15} + \frac{1}{15} = \frac{46}{15}$

b) $1\frac{2}{45} = \frac{45}{45} + \frac{2}{45} = \frac{47}{45}$

c) $11\frac{1}{2} = \frac{22}{2} + \frac{1}{2} = \frac{23}{2}$

d) $4\frac{5}{6} = \frac{24}{6} + \frac{5}{6} = \frac{29}{6}$

② a) $11\frac{3}{4} = \frac{44}{4} + \frac{3}{4} = \frac{47}{4}$

b) $2\frac{11}{13} = \frac{26}{13} + \frac{11}{13} = \frac{37}{13}$

c) $1\frac{13}{33} = \frac{33}{33} + \frac{13}{33} = \frac{46}{33}$

d) $3\frac{9}{10} = \frac{30}{10} + \frac{9}{10} = \frac{39}{10}$

③ a) $13\frac{1}{3} = \frac{39}{3} + \frac{1}{3} = \frac{40}{3}$

b) $2\frac{1}{15} = \frac{30}{15} + \frac{1}{15} = \frac{31}{15}$

c) $1\frac{10}{21} = \frac{21}{21} + \frac{10}{21} = \frac{31}{21}$

d) $2\frac{11}{19} = \frac{38}{19} + \frac{11}{19} = \frac{49}{19}$

④ a) $1\frac{11}{24} = \frac{24}{24} + \frac{11}{24} = \frac{35}{24}$

b) $5\frac{4}{5} = \frac{25}{5} + \frac{4}{5} = \frac{29}{5}$

c) $3\frac{1}{7} = \frac{21}{7} + \frac{1}{7} = \frac{22}{7}$

d) $1\frac{11}{30} = \frac{30}{30} + \frac{11}{30} = \frac{41}{30}$

⑤ a) $3\frac{4}{5} = \frac{15}{5} + \frac{4}{5} = \frac{19}{5}$

b) $2\frac{15}{17} = \frac{34}{17} + \frac{15}{17} = \frac{49}{17}$

c) $1\frac{7}{11} = \frac{11}{11} + \frac{7}{11} = \frac{18}{11}$

d) $2\frac{11}{12} = \frac{24}{12} + \frac{11}{12} = \frac{35}{12}$