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

① a) $\dfrac{2}{5} + \dfrac{3}{10} =$

b) $\dfrac{5}{38} + \dfrac{2}{19} =$

c) $\dfrac{8}{9} + \dfrac{4}{15} =$

d) $\dfrac{19}{32} + \dfrac{7}{8} =$

② a) $\dfrac{1}{20} + \dfrac{19}{40} =$

b) $\dfrac{5}{12} + \dfrac{1}{30} =$

c) $\dfrac{19}{21} + \dfrac{25}{42} =$

d) $\dfrac{1}{33} + \dfrac{3}{11} =$

③ a) $\dfrac{6}{25} + \dfrac{9}{10} =$

b) $\dfrac{11}{12} + \dfrac{19}{30} =$

c) $\dfrac{9}{19} + \dfrac{17}{38} =$

d) $\dfrac{1}{2} + \dfrac{29}{44} =$

④ a) $\dfrac{7}{16} + \dfrac{21}{32} =$

b) $\dfrac{11}{40} + \dfrac{2}{5} =$

c) $\dfrac{16}{33} + \dfrac{5}{11} =$

d) $\dfrac{2}{9} + \dfrac{13}{36} =$

⑤ a) $\dfrac{23}{42} + \dfrac{1}{6} =$

b) $\dfrac{3}{5} + \dfrac{3}{10} =$

c) $\dfrac{13}{30} + \dfrac{7}{20} =$

d) $\dfrac{15}{16} + \dfrac{9}{32} =$

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

1 a) $\dfrac{2}{5} + \dfrac{3}{10} = \dfrac{4}{10} + \dfrac{3}{10} = \dfrac{7}{10}$

b) $\dfrac{5}{38} + \dfrac{2}{19} = \dfrac{5}{38} + \dfrac{4}{38} = \dfrac{9}{38}$

c) $\dfrac{8}{9} + \dfrac{4}{15} = \dfrac{40}{45} + \dfrac{12}{45} = \dfrac{52}{45} = 1\dfrac{7}{45}$

d) $\dfrac{19}{32} + \dfrac{7}{8} = \dfrac{19}{32} + \dfrac{28}{32} = \dfrac{47}{32} = 1\dfrac{15}{32}$

2 a) $\dfrac{1}{20} + \dfrac{19}{40} = \dfrac{2}{40} + \dfrac{19}{40} = \dfrac{21}{40}$

b) $\dfrac{5}{12} + \dfrac{1}{30} = \dfrac{25}{60} + \dfrac{2}{60} = \dfrac{27}{60} = \dfrac{9}{20}$

c) $\dfrac{19}{21} + \dfrac{25}{42} = \dfrac{38}{42} + \dfrac{25}{42} = \dfrac{63}{42} = 1\dfrac{1}{2}$

d) $\dfrac{1}{33} + \dfrac{3}{11} = \dfrac{1}{33} + \dfrac{9}{33} = \dfrac{10}{33}$

3 a) $\dfrac{6}{25} + \dfrac{9}{10} = \dfrac{12}{50} + \dfrac{45}{50} = \dfrac{57}{50} = 1\dfrac{7}{50}$

b) $\dfrac{11}{12} + \dfrac{19}{30} = \dfrac{55}{60} + \dfrac{38}{60} = \dfrac{93}{60} = 1\dfrac{11}{20}$

c) $\dfrac{9}{19} + \dfrac{17}{38} = \dfrac{18}{38} + \dfrac{17}{38} = \dfrac{35}{38}$

d) $\dfrac{1}{2} + \dfrac{29}{44} = \dfrac{22}{44} + \dfrac{29}{44} = \dfrac{51}{44} = 1\dfrac{7}{44}$

4 a) $\dfrac{7}{16} + \dfrac{21}{32} = \dfrac{14}{32} + \dfrac{21}{32} = \dfrac{35}{32} = 1\dfrac{3}{32}$

b) $\dfrac{11}{40} + \dfrac{2}{5} = \dfrac{11}{40} + \dfrac{16}{40} = \dfrac{27}{40}$

c) $\dfrac{16}{33} + \dfrac{5}{11} = \dfrac{16}{33} + \dfrac{15}{33} = \dfrac{31}{33}$

d) $\dfrac{2}{9} + \dfrac{13}{36} = \dfrac{8}{36} + \dfrac{13}{36} = \dfrac{21}{36} = \dfrac{7}{12}$

5 a) $\dfrac{23}{42} + \dfrac{1}{6} = \dfrac{23}{42} + \dfrac{7}{42} = \dfrac{30}{42} = \dfrac{5}{7}$

b) $\dfrac{3}{5} + \dfrac{3}{10} = \dfrac{6}{10} + \dfrac{3}{10} = \dfrac{9}{10}$

c) $\dfrac{13}{30} + \dfrac{7}{20} = \dfrac{26}{60} + \dfrac{21}{60} = \dfrac{47}{60}$

d) $\dfrac{15}{16} + \dfrac{9}{32} = \dfrac{30}{32} + \dfrac{9}{32} = \dfrac{39}{32} = 1\dfrac{7}{32}$