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

1
a) $\dfrac{9}{13} + \dfrac{16}{39} =$

b) $\dfrac{15}{38} + \dfrac{1}{2} =$

c) $\dfrac{14}{45} + \dfrac{2}{5} =$

d) $\dfrac{1}{11} + \dfrac{29}{33} =$

2
a) $\dfrac{4}{5} + \dfrac{23}{45} =$

b) $\dfrac{11}{24} + \dfrac{7}{8} =$

c) $\dfrac{1}{39} + \dfrac{6}{13} =$

d) $\dfrac{4}{9} + \dfrac{8}{27} =$

3
a) $\dfrac{19}{30} + \dfrac{9}{20} =$

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

c) $\dfrac{5}{33} + \dfrac{4}{11} =$

d) $\dfrac{13}{15} + \dfrac{8}{45} =$

4
a) $\dfrac{7}{11} + \dfrac{25}{44} =$

b) $\dfrac{1}{3} + \dfrac{13}{21} =$

c) $\dfrac{11}{36} + \dfrac{5}{6} =$

d) $\dfrac{7}{22} + \dfrac{10}{11} =$

5
a) $\dfrac{2}{3} + \dfrac{4}{19} =$

b) $\dfrac{20}{27} + \dfrac{1}{18} =$

c) $\dfrac{1}{2} + \dfrac{23}{25} =$

d) $\dfrac{16}{19} + \dfrac{13}{38} =$

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① a) $\dfrac{9}{13} + \dfrac{16}{39} = \dfrac{27}{39} + \dfrac{16}{39} = \dfrac{43}{39} = 1\dfrac{4}{39}$

     b) $\dfrac{15}{38} + \dfrac{1}{2} = \dfrac{15}{38} + \dfrac{19}{38} = \dfrac{34}{38} = \dfrac{17}{19}$

     c) $\dfrac{14}{45} + \dfrac{2}{5} = \dfrac{14}{45} + \dfrac{18}{45} = \dfrac{32}{45}$

     d) $\dfrac{1}{11} + \dfrac{29}{33} = \dfrac{3}{33} + \dfrac{29}{33} = \dfrac{32}{33}$

② a) $\dfrac{4}{5} + \dfrac{23}{45} = \dfrac{36}{45} + \dfrac{23}{45} = \dfrac{59}{45} = 1\dfrac{14}{45}$

     b) $\dfrac{11}{24} + \dfrac{7}{8} = \dfrac{11}{24} + \dfrac{21}{24} = \dfrac{32}{24} = 1\dfrac{1}{3}$

     c) $\dfrac{1}{39} + \dfrac{6}{13} = \dfrac{1}{39} + \dfrac{18}{39} = \dfrac{19}{39}$

     d) $\dfrac{4}{9} + \dfrac{8}{27} = \dfrac{12}{27} + \dfrac{8}{27} = \dfrac{20}{27}$

③ a) $\dfrac{19}{30} + \dfrac{9}{20} = \dfrac{38}{60} + \dfrac{27}{60} = \dfrac{65}{60} = 1\dfrac{1}{12}$

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

     c) $\dfrac{5}{33} + \dfrac{4}{11} = \dfrac{5}{33} + \dfrac{12}{33} = \dfrac{17}{33}$

     d) $\dfrac{13}{15} + \dfrac{8}{45} = \dfrac{39}{45} + \dfrac{8}{45} = \dfrac{47}{45} = 1\dfrac{2}{45}$

④ a) $\dfrac{7}{11} + \dfrac{25}{44} = \dfrac{28}{44} + \dfrac{25}{44} = \dfrac{53}{44} = 1\dfrac{9}{44}$

     b) $\dfrac{1}{3} + \dfrac{13}{21} = \dfrac{7}{21} + \dfrac{13}{21} = \dfrac{20}{21}$

     c) $\dfrac{11}{36} + \dfrac{5}{6} = \dfrac{11}{36} + \dfrac{30}{36} = \dfrac{41}{36} = 1\dfrac{5}{36}$

     d) $\dfrac{7}{22} + \dfrac{10}{11} = \dfrac{7}{22} + \dfrac{20}{22} = \dfrac{27}{22} = 1\dfrac{5}{22}$

⑤ a) $\dfrac{2}{3} + \dfrac{4}{19} = \dfrac{38}{57} + \dfrac{12}{57} = \dfrac{50}{57}$

     b) $\dfrac{20}{27} + \dfrac{1}{18} = \dfrac{40}{54} + \dfrac{3}{54} = \dfrac{43}{54}$

     c) $\dfrac{1}{2} + \dfrac{23}{25} = \dfrac{25}{50} + \dfrac{46}{50} = \dfrac{71}{50} = 1\dfrac{21}{50}$

     d) $\dfrac{16}{19} + \dfrac{13}{38} = \dfrac{32}{38} + \dfrac{13}{38} = \dfrac{45}{38} = 1\dfrac{7}{38}$