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

① a) $\dfrac{1}{10} + \dfrac{3}{5} =$ b) $\dfrac{6}{11} + \dfrac{9}{22} =$

c) $\dfrac{8}{9} + \dfrac{5}{18} =$ d) $\dfrac{1}{2} + \dfrac{13}{42} =$

② a) $\dfrac{7}{24} + \dfrac{11}{16} =$ b) $\dfrac{11}{18} + \dfrac{1}{12} =$

c) $\dfrac{2}{3} + \dfrac{16}{45} =$ d) $\dfrac{9}{11} + \dfrac{15}{22} =$

③ a) $\dfrac{13}{22} + \dfrac{17}{44} =$ b) $\dfrac{1}{16} + \dfrac{29}{32} =$

c) $\dfrac{10}{13} + \dfrac{25}{26} =$ d) $\dfrac{9}{19} + \dfrac{1}{38} =$

④ a) $\dfrac{23}{40} + \dfrac{2}{5} =$ b) $\dfrac{7}{9} + \dfrac{7}{15} =$

c) $\dfrac{21}{32} + \dfrac{3}{8} =$ d) $\dfrac{10}{19} + \dfrac{1}{3} =$

⑤ a) $\dfrac{2}{35} + \dfrac{6}{7} =$ b) $\dfrac{29}{44} + \dfrac{4}{11} =$

c) $\dfrac{3}{40} + \dfrac{3}{10} =$ d) $\dfrac{7}{26} + \dfrac{5}{13} =$

... Lösungen ...

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

1 a) $\dfrac{1}{10} + \dfrac{3}{5} = \dfrac{1}{10} + \dfrac{6}{10} = \dfrac{7}{10}$

b) $\dfrac{6}{11} + \dfrac{9}{22} = \dfrac{12}{22} + \dfrac{9}{22} = \dfrac{21}{22}$

c) $\dfrac{8}{9} + \dfrac{5}{18} = \dfrac{16}{18} + \dfrac{5}{18} = \dfrac{21}{18} = 1\dfrac{1}{6}$

d) $\dfrac{1}{2} + \dfrac{13}{42} = \dfrac{21}{42} + \dfrac{13}{42} = \dfrac{34}{42} = \dfrac{17}{21}$

2 a) $\dfrac{7}{24} + \dfrac{11}{16} = \dfrac{14}{48} + \dfrac{33}{48} = \dfrac{47}{48}$

b) $\dfrac{11}{18} + \dfrac{1}{12} = \dfrac{22}{36} + \dfrac{3}{36} = \dfrac{25}{36}$

c) $\dfrac{2}{3} + \dfrac{16}{45} = \dfrac{30}{45} + \dfrac{16}{45} = \dfrac{46}{45} = 1\dfrac{1}{45}$

d) $\dfrac{9}{11} + \dfrac{15}{22} = \dfrac{18}{22} + \dfrac{15}{22} = \dfrac{33}{22} = 1\dfrac{1}{2}$

3 a) $\dfrac{13}{22} + \dfrac{17}{44} = \dfrac{26}{44} + \dfrac{17}{44} = \dfrac{43}{44}$

b) $\dfrac{1}{16} + \dfrac{29}{32} = \dfrac{2}{32} + \dfrac{29}{32} = \dfrac{31}{32}$

c) $\dfrac{10}{13} + \dfrac{25}{26} = \dfrac{20}{26} + \dfrac{25}{26} = \dfrac{45}{26} = 1\dfrac{19}{26}$

d) $\dfrac{9}{19} + \dfrac{1}{38} = \dfrac{18}{38} + \dfrac{1}{38} = \dfrac{19}{38} = \dfrac{1}{2}$

4 a) $\dfrac{23}{40} + \dfrac{2}{5} = \dfrac{23}{40} + \dfrac{16}{40} = \dfrac{39}{40}$

b) $\dfrac{7}{9} + \dfrac{7}{15} = \dfrac{35}{45} + \dfrac{21}{45} = \dfrac{56}{45} = 1\dfrac{11}{45}$

c) $\dfrac{21}{32} + \dfrac{3}{8} = \dfrac{21}{32} + \dfrac{12}{32} = \dfrac{33}{32} = 1\dfrac{1}{32}$

d) $\dfrac{10}{19} + \dfrac{1}{3} = \dfrac{30}{57} + \dfrac{19}{57} = \dfrac{49}{57}$

5 a) $\dfrac{2}{35} + \dfrac{6}{7} = \dfrac{2}{35} + \dfrac{30}{35} = \dfrac{32}{35}$

b) $\dfrac{29}{44} + \dfrac{4}{11} = \dfrac{29}{44} + \dfrac{16}{44} = \dfrac{45}{44} = 1\dfrac{1}{44}$

c) $\dfrac{3}{40} + \dfrac{3}{10} = \dfrac{3}{40} + \dfrac{12}{40} = \dfrac{15}{40} = \dfrac{3}{8}$

d) $\dfrac{7}{26} + \dfrac{5}{13} = \dfrac{7}{26} + \dfrac{10}{26} = \dfrac{17}{26}$