

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

① a)  $\frac{16}{39} + \frac{5}{13} =$

b)  $\frac{8}{11} + \frac{9}{22} =$

c)  $\frac{7}{12} + \frac{4}{9} =$

d)  $\frac{2}{5} + \frac{2}{15} =$

② a)  $\frac{20}{39} + \frac{9}{13} =$

b)  $\frac{9}{11} + \frac{10}{33} =$

c)  $\frac{5}{16} + \frac{5}{24} =$

d)  $\frac{1}{2} + \frac{17}{40} =$

③ a)  $\frac{7}{40} + \frac{1}{5} =$

b)  $\frac{6}{7} + \frac{23}{42} =$

c)  $\frac{1}{8} + \frac{15}{32} =$

d)  $\frac{11}{45} + \frac{13}{15} =$

④ a)  $\frac{9}{44} + \frac{10}{11} =$

b)  $\frac{3}{38} + \frac{9}{19} =$

c)  $\frac{1}{10} + \frac{1}{3} =$

d)  $\frac{13}{20} + \frac{3}{5} =$

⑤ a)  $\frac{19}{42} + \frac{10}{21} =$

b)  $\frac{4}{45} + \frac{4}{15} =$

c)  $\frac{7}{15} + \frac{7}{10} =$

d)  $\frac{1}{2} + \frac{13}{16} =$

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

① a)  $\frac{16}{39} + \frac{5}{13} = \frac{16}{39} + \frac{15}{39} = \frac{31}{39}$       b)  $\frac{8}{11} + \frac{9}{22} = \frac{16}{22} + \frac{9}{22} = \frac{25}{22} = 1\frac{3}{22}$

c)  $\frac{7}{12} + \frac{4}{9} = \frac{21}{36} + \frac{16}{36} = \frac{37}{36} = 1\frac{1}{36}$       d)  $\frac{2}{5} + \frac{2}{15} = \frac{6}{15} + \frac{2}{15} = \frac{8}{15}$

② a)  $\frac{20}{39} + \frac{9}{13} = \frac{20}{39} + \frac{27}{39} = \frac{47}{39} = 1\frac{8}{39}$       b)  $\frac{9}{11} + \frac{10}{33} = \frac{27}{33} + \frac{10}{33} = \frac{37}{33} = 1\frac{4}{33}$

c)  $\frac{5}{16} + \frac{5}{24} = \frac{15}{48} + \frac{10}{48} = \frac{25}{48}$       d)  $\frac{1}{2} + \frac{17}{40} = \frac{20}{40} + \frac{17}{40} = \frac{37}{40}$

③ a)  $\frac{7}{40} + \frac{1}{5} = \frac{7}{40} + \frac{8}{40} = \frac{15}{40} = \frac{3}{8}$       b)  $\frac{6}{7} + \frac{23}{42} = \frac{36}{42} + \frac{23}{42} = \frac{59}{42} = 1\frac{17}{42}$

c)  $\frac{1}{8} + \frac{15}{32} = \frac{4}{32} + \frac{15}{32} = \frac{19}{32}$       d)  $\frac{11}{45} + \frac{13}{15} = \frac{11}{45} + \frac{39}{45} = \frac{50}{45} = 1\frac{1}{9}$

④ a)  $\frac{9}{44} + \frac{10}{11} = \frac{9}{44} + \frac{40}{44} = \frac{49}{44} = 1\frac{5}{44}$       b)  $\frac{3}{38} + \frac{9}{19} = \frac{3}{38} + \frac{18}{38} = \frac{21}{38}$

c)  $\frac{1}{10} + \frac{1}{3} = \frac{3}{30} + \frac{10}{30} = \frac{13}{30}$       d)  $\frac{13}{20} + \frac{3}{5} = \frac{13}{20} + \frac{12}{20} = \frac{25}{20} = 1\frac{1}{4}$

⑤ a)  $\frac{19}{42} + \frac{10}{21} = \frac{19}{42} + \frac{20}{42} = \frac{39}{42} = \frac{13}{14}$       b)  $\frac{4}{45} + \frac{4}{15} = \frac{4}{45} + \frac{12}{45} = \frac{16}{45}$

c)  $\frac{7}{15} + \frac{7}{10} = \frac{14}{30} + \frac{21}{30} = \frac{35}{30} = 1\frac{1}{6}$       d)  $\frac{1}{2} + \frac{13}{16} = \frac{8}{16} + \frac{13}{16} = \frac{21}{16} = 1\frac{5}{16}$