

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

① a)  $\frac{17}{24} + \frac{1}{3} =$

b)  $\frac{10}{17} + \frac{25}{34} =$

c)  $\frac{7}{19} + \frac{23}{38} =$

d)  $\frac{1}{22} + \frac{3}{44} =$

② a)  $\frac{4}{5} + \frac{22}{25} =$

b)  $\frac{29}{38} + \frac{16}{19} =$

c)  $\frac{2}{45} + \frac{2}{15} =$

d)  $\frac{3}{10} + \frac{5}{8} =$

③ a)  $\frac{25}{36} + \frac{1}{2} =$

b)  $\frac{5}{12} + \frac{17}{36} =$

c)  $\frac{19}{45} + \frac{5}{9} =$

d)  $\frac{25}{26} + \frac{12}{13} =$

④ a)  $\frac{23}{24} + \frac{9}{16} =$

b)  $\frac{2}{13} + \frac{15}{26} =$

c)  $\frac{11}{39} + \frac{3}{13} =$

d)  $\frac{17}{38} + \frac{13}{19} =$

⑤ a)  $\frac{1}{9} + \frac{11}{36} =$

b)  $\frac{7}{17} + \frac{9}{34} =$

c)  $\frac{3}{10} + \frac{4}{5} =$

d)  $\frac{11}{14} + \frac{19}{28} =$

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① a)  $\frac{17}{24} + \frac{1}{3} = \frac{17}{24} + \frac{8}{24} = \frac{25}{24} = 1\frac{1}{24}$       b)  $\frac{10}{17} + \frac{25}{34} = \frac{20}{34} + \frac{25}{34} = \frac{45}{34} = 1\frac{11}{34}$

c)  $\frac{7}{19} + \frac{23}{38} = \frac{14}{38} + \frac{23}{38} = \frac{37}{38}$       d)  $\frac{1}{22} + \frac{3}{44} = \frac{2}{44} + \frac{3}{44} = \frac{5}{44}$

② a)  $\frac{4}{5} + \frac{22}{25} = \frac{20}{25} + \frac{22}{25} = \frac{42}{25} = 1\frac{17}{25}$       b)  $\frac{29}{38} + \frac{16}{19} = \frac{29}{38} + \frac{32}{38} = \frac{61}{38} = 1\frac{23}{38}$

c)  $\frac{2}{45} + \frac{2}{15} = \frac{2}{45} + \frac{6}{45} = \frac{8}{45}$       d)  $\frac{3}{10} + \frac{5}{8} = \frac{12}{40} + \frac{25}{40} = \frac{37}{40}$

③ a)  $\frac{25}{36} + \frac{1}{2} = \frac{25}{36} + \frac{18}{36} = \frac{43}{36} = 1\frac{7}{36}$       b)  $\frac{5}{12} + \frac{17}{36} = \frac{15}{36} + \frac{17}{36} = \frac{32}{36} = \frac{8}{9}$

c)  $\frac{19}{45} + \frac{5}{9} = \frac{19}{45} + \frac{25}{45} = \frac{44}{45}$       d)  $\frac{25}{26} + \frac{12}{13} = \frac{25}{26} + \frac{24}{26} = \frac{49}{26} = 1\frac{23}{26}$

④ a)  $\frac{23}{24} + \frac{9}{16} = \frac{46}{48} + \frac{27}{48} = \frac{73}{48} = 1\frac{25}{48}$       b)  $\frac{2}{13} + \frac{15}{26} = \frac{4}{26} + \frac{15}{26} = \frac{19}{26}$

c)  $\frac{11}{39} + \frac{3}{13} = \frac{11}{39} + \frac{9}{39} = \frac{20}{39}$       d)  $\frac{17}{38} + \frac{13}{19} = \frac{17}{38} + \frac{26}{38} = \frac{43}{38} = 1\frac{5}{38}$

⑤ a)  $\frac{1}{9} + \frac{11}{36} = \frac{4}{36} + \frac{11}{36} = \frac{15}{36} = \frac{5}{12}$       b)  $\frac{7}{17} + \frac{9}{34} = \frac{14}{34} + \frac{9}{34} = \frac{23}{34}$

c)  $\frac{3}{10} + \frac{4}{5} = \frac{3}{10} + \frac{8}{10} = \frac{11}{10} = 1\frac{1}{10}$       d)  $\frac{11}{14} + \frac{19}{28} = \frac{22}{28} + \frac{19}{28} = \frac{41}{28} = 1\frac{13}{28}$