

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

① a) $\frac{13}{18} + \frac{4}{27} =$

b) $\frac{3}{4} + \frac{13}{14} =$

c) $\frac{6}{7} + \frac{5}{21} =$

d) $\frac{4}{5} + \frac{1}{8} =$

② a) $\frac{5}{18} + \frac{13}{27} =$

b) $\frac{17}{20} + \frac{4}{15} =$

c) $\frac{15}{22} + \frac{7}{11} =$

d) $\frac{16}{19} + \frac{5}{38} =$

③ a) $\frac{14}{15} + \frac{2}{5} =$

b) $\frac{21}{34} + \frac{1}{2} =$

c) $\frac{1}{12} + \frac{5}{6} =$

d) $\frac{7}{9} + \frac{7}{12} =$

④ a) $\frac{2}{3} + \frac{4}{39} =$

b) $\frac{1}{26} + \frac{8}{13} =$

c) $\frac{11}{16} + \frac{1}{3} =$

d) $\frac{4}{21} + \frac{13}{42} =$

⑤ a) $\frac{2}{15} + \frac{7}{30} =$

b) $\frac{19}{36} + \frac{11}{12} =$

c) $\frac{13}{14} + \frac{2}{7} =$

d) $\frac{17}{44} + \frac{6}{11} =$

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

- ① a) $\frac{13}{18} + \frac{4}{27} = \frac{39}{54} + \frac{8}{54} = \frac{47}{54}$ b) $\frac{3}{4} + \frac{13}{14} = \frac{21}{28} + \frac{26}{28} = \frac{47}{28} = 1\frac{19}{28}$
- c) $\frac{6}{7} + \frac{5}{21} = \frac{18}{21} + \frac{5}{21} = \frac{23}{21} = 1\frac{2}{21}$ d) $\frac{4}{5} + \frac{1}{8} = \frac{32}{40} + \frac{5}{40} = \frac{37}{40}$
- ② a) $\frac{5}{18} + \frac{13}{27} = \frac{15}{54} + \frac{26}{54} = \frac{41}{54}$ b) $\frac{17}{20} + \frac{4}{15} = \frac{51}{60} + \frac{16}{60} = \frac{67}{60} = 1\frac{7}{60}$
- c) $\frac{15}{22} + \frac{7}{11} = \frac{15}{22} + \frac{14}{22} = \frac{29}{22} = 1\frac{7}{22}$ d) $\frac{16}{19} + \frac{5}{38} = \frac{32}{38} + \frac{5}{38} = \frac{37}{38}$
- ③ a) $\frac{14}{15} + \frac{2}{5} = \frac{14}{15} + \frac{6}{15} = \frac{20}{15} = 1\frac{1}{3}$ b) $\frac{21}{34} + \frac{1}{2} = \frac{21}{34} + \frac{17}{34} = \frac{38}{34} = 1\frac{2}{17}$
- c) $\frac{1}{12} + \frac{5}{6} = \frac{1}{12} + \frac{10}{12} = \frac{11}{12}$ d) $\frac{7}{9} + \frac{7}{12} = \frac{28}{36} + \frac{21}{36} = \frac{49}{36} = 1\frac{13}{36}$
- ④ a) $\frac{2}{3} + \frac{4}{39} = \frac{26}{39} + \frac{4}{39} = \frac{30}{39} = \frac{10}{13}$ b) $\frac{1}{26} + \frac{8}{13} = \frac{1}{26} + \frac{16}{26} = \frac{17}{26}$
- c) $\frac{11}{16} + \frac{1}{3} = \frac{33}{48} + \frac{16}{48} = \frac{49}{48} = 1\frac{1}{48}$ d) $\frac{4}{21} + \frac{13}{42} = \frac{8}{42} + \frac{13}{42} = \frac{21}{42} = \frac{1}{2}$
- ⑤ a) $\frac{2}{15} + \frac{7}{30} = \frac{4}{30} + \frac{7}{30} = \frac{11}{30}$ b) $\frac{19}{36} + \frac{11}{12} = \frac{19}{36} + \frac{33}{36} = \frac{52}{36} = 1\frac{4}{9}$
- c) $\frac{13}{14} + \frac{2}{7} = \frac{13}{14} + \frac{4}{14} = \frac{17}{14} = 1\frac{3}{14}$ d) $\frac{17}{44} + \frac{6}{11} = \frac{17}{44} + \frac{24}{44} = \frac{41}{44}$