

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

① a) $\frac{3}{20} + \frac{21}{40} =$

b) $\frac{7}{16} + \frac{19}{24} =$

c) $\frac{1}{7} + \frac{23}{35} =$

d) $\frac{4}{15} + \frac{16}{45} =$

② a) $\frac{7}{34} + \frac{7}{17} =$

b) $\frac{24}{35} + \frac{3}{5} =$

c) $\frac{5}{8} + \frac{5}{12} =$

d) $\frac{22}{39} + \frac{1}{3} =$

③ a) $\frac{7}{22} + \frac{2}{11} =$

b) $\frac{1}{5} + \frac{24}{25} =$

c) $\frac{15}{17} + \frac{1}{34} =$

d) $\frac{13}{18} + \frac{10}{27} =$

④ a) $\frac{11}{45} + \frac{5}{9} =$

b) $\frac{2}{15} + \frac{3}{10} =$

c) $\frac{13}{20} + \frac{27}{40} =$

d) $\frac{29}{42} + \frac{8}{21} =$

⑤ a) $\frac{1}{14} + \frac{3}{8} =$

b) $\frac{22}{45} + \frac{1}{15} =$

c) $\frac{7}{30} + \frac{4}{5} =$

d) $\frac{3}{13} + \frac{29}{39} =$

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

① a) $\frac{3}{20} + \frac{21}{40} = \frac{6}{40} + \frac{21}{40} = \frac{27}{40}$ b) $\frac{7}{16} + \frac{19}{24} = \frac{21}{48} + \frac{38}{48} = \frac{59}{48} = 1 \frac{11}{48}$

c) $\frac{1}{7} + \frac{23}{35} = \frac{5}{35} + \frac{23}{35} = \frac{28}{35} = \frac{4}{5}$ d) $\frac{4}{15} + \frac{16}{45} = \frac{12}{45} + \frac{16}{45} = \frac{28}{45}$

② a) $\frac{7}{34} + \frac{7}{17} = \frac{7}{34} + \frac{14}{34} = \frac{21}{34}$ b) $\frac{24}{35} + \frac{3}{5} = \frac{24}{35} + \frac{21}{35} = \frac{45}{35} = 1 \frac{2}{7}$

c) $\frac{5}{8} + \frac{5}{12} = \frac{15}{24} + \frac{10}{24} = \frac{25}{24} = 1 \frac{1}{24}$ d) $\frac{22}{39} + \frac{1}{3} = \frac{22}{39} + \frac{13}{39} = \frac{35}{39}$

③ a) $\frac{7}{22} + \frac{2}{11} = \frac{7}{22} + \frac{4}{22} = \frac{11}{22} = \frac{1}{2}$ b) $\frac{1}{5} + \frac{24}{25} = \frac{5}{25} + \frac{24}{25} = \frac{29}{25} = 1 \frac{4}{25}$

c) $\frac{15}{17} + \frac{1}{34} = \frac{30}{34} + \frac{1}{34} = \frac{31}{34}$ d) $\frac{13}{18} + \frac{10}{27} = \frac{39}{54} + \frac{20}{54} = \frac{59}{54} = 1 \frac{5}{54}$

④ a) $\frac{11}{45} + \frac{5}{9} = \frac{11}{45} + \frac{25}{45} = \frac{36}{45} = \frac{4}{5}$ b) $\frac{2}{15} + \frac{3}{10} = \frac{4}{30} + \frac{9}{30} = \frac{13}{30}$

c) $\frac{13}{20} + \frac{27}{40} = \frac{26}{40} + \frac{27}{40} = \frac{53}{40} = 1 \frac{13}{40}$ d) $\frac{29}{42} + \frac{8}{21} = \frac{29}{42} + \frac{16}{42} = \frac{45}{42} = 1 \frac{1}{14}$

⑤ a) $\frac{1}{14} + \frac{3}{8} = \frac{4}{56} + \frac{21}{56} = \frac{25}{56}$ b) $\frac{22}{45} + \frac{1}{15} = \frac{22}{45} + \frac{3}{45} = \frac{25}{45} = \frac{5}{9}$

c) $\frac{7}{30} + \frac{4}{5} = \frac{7}{30} + \frac{24}{30} = \frac{31}{30} = 1 \frac{1}{30}$ d) $\frac{3}{13} + \frac{29}{39} = \frac{9}{39} + \frac{29}{39} = \frac{38}{39}$