

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

① a) $\frac{4}{5} + \frac{3}{35} =$

b) $\frac{29}{44} + \frac{7}{11} =$

c) $\frac{8}{9} + \frac{19}{27} =$

d) $\frac{3}{20} + \frac{5}{8} =$

② a) $\frac{23}{25} + \frac{3}{5} =$

b) $\frac{2}{3} + \frac{8}{13} =$

c) $\frac{7}{13} + \frac{1}{3} =$

d) $\frac{5}{14} + \frac{10}{21} =$

③ a) $\frac{11}{20} + \frac{29}{40} =$

b) $\frac{9}{17} + \frac{5}{34} =$

c) $\frac{1}{45} + \frac{4}{9} =$

d) $\frac{25}{27} + \frac{13}{18} =$

④ a) $\frac{9}{20} + \frac{3}{8} =$

b) $\frac{1}{7} + \frac{4}{5} =$

c) $\frac{2}{11} + \frac{19}{22} =$

d) $\frac{29}{45} + \frac{2}{15} =$

⑤ a) $\frac{17}{42} + \frac{4}{21} =$

b) $\frac{10}{13} + \frac{22}{39} =$

c) $\frac{13}{22} + \frac{23}{44} =$

d) $\frac{1}{8} + \frac{7}{32} =$

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

① a) $\frac{4}{5} + \frac{3}{35} = \frac{28}{35} + \frac{3}{35} = \frac{31}{35}$ b) $\frac{29}{44} + \frac{7}{11} = \frac{29}{44} + \frac{28}{44} = \frac{57}{44} = 1 \frac{13}{44}$

c) $\frac{8}{9} + \frac{19}{27} = \frac{24}{27} + \frac{19}{27} = \frac{43}{27} = 1 \frac{16}{27}$ d) $\frac{3}{20} + \frac{5}{8} = \frac{6}{40} + \frac{25}{40} = \frac{31}{40}$

② a) $\frac{23}{25} + \frac{3}{5} = \frac{23}{25} + \frac{15}{25} = \frac{38}{25} = 1 \frac{13}{25}$ b) $\frac{2}{3} + \frac{8}{13} = \frac{26}{39} + \frac{24}{39} = \frac{50}{39} = 1 \frac{11}{39}$

c) $\frac{7}{13} + \frac{1}{3} = \frac{21}{39} + \frac{13}{39} = \frac{34}{39}$ d) $\frac{5}{14} + \frac{10}{21} = \frac{15}{42} + \frac{20}{42} = \frac{35}{42} = \frac{5}{6}$

③ a) $\frac{11}{20} + \frac{29}{40} = \frac{22}{40} + \frac{29}{40} = \frac{51}{40} = 1 \frac{11}{40}$ b) $\frac{9}{17} + \frac{5}{34} = \frac{18}{34} + \frac{5}{34} = \frac{23}{34}$

c) $\frac{1}{45} + \frac{4}{9} = \frac{1}{45} + \frac{20}{45} = \frac{21}{45} = \frac{7}{15}$ d) $\frac{25}{27} + \frac{13}{18} = \frac{50}{54} + \frac{39}{54} = \frac{89}{54} = 1 \frac{35}{54}$

④ a) $\frac{9}{20} + \frac{3}{8} = \frac{18}{40} + \frac{15}{40} = \frac{33}{40}$ b) $\frac{1}{7} + \frac{4}{5} = \frac{5}{35} + \frac{28}{35} = \frac{33}{35}$

c) $\frac{2}{11} + \frac{19}{22} = \frac{4}{22} + \frac{19}{22} = \frac{23}{22} = 1 \frac{1}{22}$ d) $\frac{29}{45} + \frac{2}{15} = \frac{29}{45} + \frac{6}{45} = \frac{35}{45} = \frac{7}{9}$

⑤ a) $\frac{17}{42} + \frac{4}{21} = \frac{17}{42} + \frac{8}{42} = \frac{25}{42}$ b) $\frac{10}{13} + \frac{22}{39} = \frac{30}{39} + \frac{22}{39} = \frac{52}{39} = 1 \frac{1}{3}$

c) $\frac{13}{22} + \frac{23}{44} = \frac{26}{44} + \frac{23}{44} = \frac{49}{44} = 1 \frac{5}{44}$ d) $\frac{1}{8} + \frac{7}{32} = \frac{4}{32} + \frac{7}{32} = \frac{11}{32}$