

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

① a) $\frac{13}{18} + \frac{23}{27} =$

b) $\frac{17}{30} + \frac{7}{12} =$

c) $\frac{2}{5} + \frac{9}{25} =$

d) $\frac{8}{9} + \frac{28}{45} =$

② a) $\frac{19}{30} + \frac{3}{4} =$

b) $\frac{9}{34} + \frac{12}{17} =$

c) $\frac{3}{35} + \frac{6}{7} =$

d) $\frac{4}{5} + \frac{2}{3} =$

③ a) $\frac{7}{36} + \frac{5}{6} =$

b) $\frac{3}{8} + \frac{1}{2} =$

c) $\frac{11}{12} + \frac{7}{10} =$

d) $\frac{13}{30} + \frac{4}{15} =$

④ a) $\frac{6}{19} + \frac{5}{38} =$

b) $\frac{9}{22} + \frac{19}{44} =$

c) $\frac{25}{44} + \frac{7}{11} =$

d) $\frac{6}{13} + \frac{3}{4} =$

⑤ a) $\frac{1}{34} + \frac{4}{17} =$

b) $\frac{7}{8} + \frac{9}{10} =$

c) $\frac{23}{38} + \frac{16}{19} =$

d) $\frac{1}{19} + \frac{29}{38} =$

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① a) $\frac{13}{18} + \frac{23}{27} = \frac{39}{54} + \frac{46}{54} = \frac{85}{54} = 1\frac{31}{54}$ b) $\frac{17}{30} + \frac{7}{12} = \frac{34}{60} + \frac{35}{60} = \frac{69}{60} = 1\frac{3}{20}$

c) $\frac{2}{5} + \frac{9}{25} = \frac{10}{25} + \frac{9}{25} = \frac{19}{25}$ d) $\frac{8}{9} + \frac{28}{45} = \frac{40}{45} + \frac{28}{45} = \frac{68}{45} = 1\frac{23}{45}$

② a) $\frac{19}{30} + \frac{3}{4} = \frac{38}{60} + \frac{45}{60} = \frac{83}{60} = 1\frac{23}{60}$ b) $\frac{9}{34} + \frac{12}{17} = \frac{9}{34} + \frac{24}{34} = \frac{33}{34}$

c) $\frac{3}{35} + \frac{6}{7} = \frac{3}{35} + \frac{30}{35} = \frac{33}{35}$ d) $\frac{4}{5} + \frac{2}{3} = \frac{12}{15} + \frac{10}{15} = \frac{22}{15} = 1\frac{7}{15}$

③ a) $\frac{7}{36} + \frac{5}{6} = \frac{7}{36} + \frac{30}{36} = \frac{37}{36} = 1\frac{1}{36}$ b) $\frac{3}{8} + \frac{1}{2} = \frac{3}{8} + \frac{4}{8} = \frac{7}{8}$

c) $\frac{11}{12} + \frac{7}{10} = \frac{55}{60} + \frac{42}{60} = \frac{97}{60} = 1\frac{37}{60}$ d) $\frac{13}{30} + \frac{4}{15} = \frac{13}{30} + \frac{8}{30} = \frac{21}{30} = \frac{7}{10}$

④ a) $\frac{6}{19} + \frac{5}{38} = \frac{12}{38} + \frac{5}{38} = \frac{17}{38}$ b) $\frac{9}{22} + \frac{19}{44} = \frac{18}{44} + \frac{19}{44} = \frac{37}{44}$

c) $\frac{25}{44} + \frac{7}{11} = \frac{25}{44} + \frac{28}{44} = \frac{53}{44} = 1\frac{9}{44}$ d) $\frac{6}{13} + \frac{3}{4} = \frac{24}{52} + \frac{39}{52} = \frac{63}{52} = 1\frac{11}{52}$

⑤ a) $\frac{1}{34} + \frac{4}{17} = \frac{1}{34} + \frac{8}{34} = \frac{9}{34}$ b) $\frac{7}{8} + \frac{9}{10} = \frac{35}{40} + \frac{36}{40} = \frac{71}{40} = 1\frac{31}{40}$

c) $\frac{23}{38} + \frac{16}{19} = \frac{23}{38} + \frac{32}{38} = \frac{55}{38} = 1\frac{17}{38}$ d) $\frac{1}{19} + \frac{29}{38} = \frac{2}{38} + \frac{29}{38} = \frac{31}{38}$