

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

① a) $\frac{16}{45} + \frac{4}{5} =$

b) $\frac{7}{17} + \frac{2}{3} =$

c) $\frac{3}{7} + \frac{11}{21} =$

d) $\frac{19}{44} + \frac{7}{11} =$

② a) $\frac{26}{27} + \frac{8}{9} =$

b) $\frac{5}{38} + \frac{15}{19} =$

c) $\frac{4}{15} + \frac{28}{45} =$

d) $\frac{17}{18} + \frac{3}{4} =$

③ a) $\frac{1}{22} + \frac{25}{44} =$

b) $\frac{11}{38} + \frac{10}{19} =$

c) $\frac{19}{21} + \frac{1}{7} =$

d) $\frac{7}{8} + \frac{9}{40} =$

④ a) $\frac{11}{36} + \frac{2}{3} =$

b) $\frac{8}{45} + \frac{4}{5} =$

c) $\frac{15}{16} + \frac{13}{24} =$

d) $\frac{11}{13} + \frac{29}{39} =$

⑤ a) $\frac{1}{4} + \frac{1}{32} =$

b) $\frac{4}{21} + \frac{3}{7} =$

c) $\frac{17}{44} + \frac{17}{22} =$

d) $\frac{1}{2} + \frac{15}{34} =$

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① a) $\frac{16}{45} + \frac{4}{5} = \frac{16}{45} + \frac{36}{45} = \frac{52}{45} = 1\frac{7}{45}$ b) $\frac{7}{17} + \frac{2}{3} = \frac{21}{51} + \frac{34}{51} = \frac{55}{51} = 1\frac{4}{51}$

c) $\frac{3}{7} + \frac{11}{21} = \frac{9}{21} + \frac{11}{21} = \frac{20}{21}$ d) $\frac{19}{44} + \frac{7}{11} = \frac{19}{44} + \frac{28}{44} = \frac{47}{44} = 1\frac{3}{44}$

② a) $\frac{26}{27} + \frac{8}{9} = \frac{26}{27} + \frac{24}{27} = \frac{50}{27} = 1\frac{23}{27}$

b) $\frac{5}{38} + \frac{15}{19} = \frac{5}{38} + \frac{30}{38} = \frac{35}{38}$

c) $\frac{4}{15} + \frac{28}{45} = \frac{12}{45} + \frac{28}{45} = \frac{40}{45} = \frac{8}{9}$

d) $\frac{17}{18} + \frac{3}{4} = \frac{34}{36} + \frac{27}{36} = \frac{61}{36} = 1\frac{25}{36}$

③ a) $\frac{1}{22} + \frac{25}{44} = \frac{2}{44} + \frac{25}{44} = \frac{27}{44}$

b) $\frac{11}{38} + \frac{10}{19} = \frac{11}{38} + \frac{20}{38} = \frac{31}{38}$

c) $\frac{19}{21} + \frac{1}{7} = \frac{19}{21} + \frac{3}{21} = \frac{22}{21} = 1\frac{1}{21}$

d) $\frac{7}{8} + \frac{9}{40} = \frac{35}{40} + \frac{9}{40} = \frac{44}{40} = 1\frac{1}{10}$

④ a) $\frac{11}{36} + \frac{2}{3} = \frac{11}{36} + \frac{24}{36} = \frac{35}{36}$

b) $\frac{8}{45} + \frac{4}{5} = \frac{8}{45} + \frac{36}{45} = \frac{44}{45}$

c) $\frac{15}{16} + \frac{13}{24} = \frac{45}{48} + \frac{26}{48} = \frac{71}{48} = 1\frac{23}{48}$

d) $\frac{11}{13} + \frac{29}{39} = \frac{33}{39} + \frac{29}{39} = \frac{62}{39} = 1\frac{23}{39}$

⑤ a) $\frac{1}{4} + \frac{1}{32} = \frac{8}{32} + \frac{1}{32} = \frac{9}{32}$

b) $\frac{4}{21} + \frac{3}{7} = \frac{4}{21} + \frac{9}{21} = \frac{13}{21}$

c) $\frac{17}{44} + \frac{17}{22} = \frac{17}{44} + \frac{34}{44} = \frac{51}{44} = 1\frac{7}{44}$

d) $\frac{1}{2} + \frac{15}{34} = \frac{17}{34} + \frac{15}{34} = \frac{32}{34} = \frac{16}{17}$