

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

① a) $\frac{3}{22} + \frac{1}{11} =$

b) $\frac{5}{7} + \frac{23}{28} =$

c) $\frac{19}{27} + \frac{5}{6} =$

d) $\frac{1}{2} + \frac{4}{19} =$

② a) $\frac{2}{25} + \frac{3}{10} =$

b) $\frac{17}{45} + \frac{8}{9} =$

c) $\frac{29}{32} + \frac{9}{16} =$

d) $\frac{1}{6} + \frac{23}{36} =$

③ a) $\frac{17}{30} + \frac{13}{20} =$

b) $\frac{2}{11} + \frac{5}{33} =$

c) $\frac{4}{13} + \frac{19}{39} =$

d) $\frac{8}{27} + \frac{2}{9} =$

④ a) $\frac{7}{8} + \frac{7}{24} =$

b) $\frac{6}{11} + \frac{28}{33} =$

c) $\frac{2}{13} + \frac{3}{26} =$

d) $\frac{5}{14} + \frac{27}{28} =$

⑤ a) $\frac{13}{30} + \frac{1}{10} =$

b) $\frac{7}{15} + \frac{16}{45} =$

c) $\frac{9}{40} + \frac{7}{20} =$

d) $\frac{2}{7} + \frac{23}{28} =$

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- ① a) $\frac{3}{22} + \frac{1}{11} = \frac{3}{22} + \frac{2}{22} = \frac{5}{22}$ b) $\frac{5}{7} + \frac{23}{28} = \frac{20}{28} + \frac{23}{28} = \frac{43}{28} = 1\frac{15}{28}$
- c) $\frac{19}{27} + \frac{5}{6} = \frac{38}{54} + \frac{45}{54} = \frac{83}{54} = 1\frac{29}{54}$ d) $\frac{1}{2} + \frac{4}{19} = \frac{19}{38} + \frac{8}{38} = \frac{27}{38}$
- ② a) $\frac{2}{25} + \frac{3}{10} = \frac{4}{50} + \frac{15}{50} = \frac{19}{50}$ b) $\frac{17}{45} + \frac{8}{9} = \frac{17}{45} + \frac{40}{45} = \frac{57}{45} = 1\frac{4}{15}$
- c) $\frac{29}{32} + \frac{9}{16} = \frac{29}{32} + \frac{18}{32} = \frac{47}{32} = 1\frac{15}{32}$ d) $\frac{1}{6} + \frac{23}{36} = \frac{6}{36} + \frac{23}{36} = \frac{29}{36}$
- ③ a) $\frac{17}{30} + \frac{13}{20} = \frac{34}{60} + \frac{39}{60} = \frac{73}{60} = 1\frac{13}{60}$ b) $\frac{2}{11} + \frac{5}{33} = \frac{6}{33} + \frac{5}{33} = \frac{11}{33} = \frac{1}{3}$
- c) $\frac{4}{13} + \frac{19}{39} = \frac{12}{39} + \frac{19}{39} = \frac{31}{39}$ d) $\frac{8}{27} + \frac{2}{9} = \frac{8}{27} + \frac{6}{27} = \frac{14}{27}$
- ④ a) $\frac{7}{8} + \frac{7}{24} = \frac{21}{24} + \frac{7}{24} = \frac{28}{24} = 1\frac{1}{6}$ b) $\frac{6}{11} + \frac{28}{33} = \frac{18}{33} + \frac{28}{33} = \frac{46}{33} = 1\frac{13}{33}$
- c) $\frac{2}{13} + \frac{3}{26} = \frac{4}{26} + \frac{3}{26} = \frac{7}{26}$ d) $\frac{5}{14} + \frac{27}{28} = \frac{10}{28} + \frac{27}{28} = \frac{37}{28} = 1\frac{9}{28}$
- ⑤ a) $\frac{13}{30} + \frac{1}{10} = \frac{13}{30} + \frac{3}{30} = \frac{16}{30} = \frac{8}{15}$ b) $\frac{7}{15} + \frac{16}{45} = \frac{21}{45} + \frac{16}{45} = \frac{37}{45}$
- c) $\frac{9}{40} + \frac{7}{20} = \frac{9}{40} + \frac{14}{40} = \frac{23}{40}$ d) $\frac{2}{7} + \frac{23}{28} = \frac{8}{28} + \frac{23}{28} = \frac{31}{28} = 1\frac{3}{28}$