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

1 a) $\dfrac{1}{2} + \dfrac{26}{29} =$

b) $\dfrac{13}{30} + \dfrac{9}{20} =$

c) $\dfrac{17}{32} + \dfrac{11}{16} =$

d) $\dfrac{6}{17} + \dfrac{27}{34} =$

2 a) $\dfrac{7}{16} + \dfrac{1}{24} =$

b) $\dfrac{4}{33} + \dfrac{2}{3} =$

c) $\dfrac{11}{20} + \dfrac{21}{40} =$

d) $\dfrac{2}{15} + \dfrac{19}{45} =$

3 a) $\dfrac{17}{36} + \dfrac{1}{6} =$

b) $\dfrac{1}{3} + \dfrac{9}{13} =$

c) $\dfrac{4}{7} + \dfrac{4}{5} =$

d) $\dfrac{2}{9} + \dfrac{2}{27} =$

4 a) $\dfrac{19}{28} + \dfrac{5}{14} =$

b) $\dfrac{29}{30} + \dfrac{3}{4} =$

c) $\dfrac{10}{19} + \dfrac{9}{38} =$

d) $\dfrac{5}{36} + \dfrac{17}{18} =$

5 a) $\dfrac{4}{9} + \dfrac{16}{27} =$

b) $\dfrac{1}{35} + \dfrac{5}{7} =$

c) $\dfrac{7}{15} + \dfrac{26}{45} =$

d) $\dfrac{27}{40} + \dfrac{3}{8} =$

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

① a) $\dfrac{1}{2} + \dfrac{26}{29} = \dfrac{29}{58} + \dfrac{52}{58} = \dfrac{81}{58} = 1\dfrac{23}{58}$

b) $\dfrac{13}{30} + \dfrac{9}{20} = \dfrac{26}{60} + \dfrac{27}{60} = \dfrac{53}{60}$

c) $\dfrac{17}{32} + \dfrac{11}{16} = \dfrac{17}{32} + \dfrac{22}{32} = \dfrac{39}{32} = 1\dfrac{7}{32}$

d) $\dfrac{6}{17} + \dfrac{27}{34} = \dfrac{12}{34} + \dfrac{27}{34} = \dfrac{39}{34} = 1\dfrac{5}{34}$

② a) $\dfrac{7}{16} + \dfrac{1}{24} = \dfrac{21}{48} + \dfrac{2}{48} = \dfrac{23}{48}$

b) $\dfrac{4}{33} + \dfrac{2}{3} = \dfrac{4}{33} + \dfrac{22}{33} = \dfrac{26}{33}$

c) $\dfrac{11}{20} + \dfrac{21}{40} = \dfrac{22}{40} + \dfrac{21}{40} = \dfrac{43}{40} = 1\dfrac{3}{40}$

d) $\dfrac{2}{15} + \dfrac{19}{45} = \dfrac{6}{45} + \dfrac{19}{45} = \dfrac{25}{45} = \dfrac{5}{9}$

③ a) $\dfrac{17}{36} + \dfrac{1}{6} = \dfrac{17}{36} + \dfrac{6}{36} = \dfrac{23}{36}$

b) $\dfrac{1}{3} + \dfrac{9}{13} = \dfrac{13}{39} + \dfrac{27}{39} = \dfrac{40}{39} = 1\dfrac{1}{39}$

c) $\dfrac{4}{7} + \dfrac{4}{5} = \dfrac{20}{35} + \dfrac{28}{35} = \dfrac{48}{35} = 1\dfrac{13}{35}$

d) $\dfrac{2}{9} + \dfrac{2}{27} = \dfrac{6}{27} + \dfrac{2}{27} = \dfrac{8}{27}$

④ a) $\dfrac{19}{28} + \dfrac{5}{14} = \dfrac{19}{28} + \dfrac{10}{28} = \dfrac{29}{28} = 1\dfrac{1}{28}$

b) $\dfrac{29}{30} + \dfrac{3}{4} = \dfrac{58}{60} + \dfrac{45}{60} = \dfrac{103}{60} = 1\dfrac{43}{60}$

c) $\dfrac{10}{19} + \dfrac{9}{38} = \dfrac{20}{38} + \dfrac{9}{38} = \dfrac{29}{38}$

d) $\dfrac{5}{36} + \dfrac{17}{18} = \dfrac{5}{36} + \dfrac{34}{36} = \dfrac{39}{36} = 1\dfrac{1}{12}$

⑤ a) $\dfrac{4}{9} + \dfrac{16}{27} = \dfrac{12}{27} + \dfrac{16}{27} = \dfrac{28}{27} = 1\dfrac{1}{27}$

b) $\dfrac{1}{35} + \dfrac{5}{7} = \dfrac{1}{35} + \dfrac{25}{35} = \dfrac{26}{35}$

c) $\dfrac{7}{15} + \dfrac{26}{45} = \dfrac{21}{45} + \dfrac{26}{45} = \dfrac{47}{45} = 1\dfrac{2}{45}$

d) $\dfrac{27}{40} + \dfrac{3}{8} = \dfrac{27}{40} + \dfrac{15}{40} = \dfrac{42}{40} = 1\dfrac{1}{20}$