

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

① a) $\frac{1}{30} + \frac{1}{3} =$

b) $\frac{13}{21} + \frac{13}{14} =$

c) $\frac{9}{14} + \frac{11}{28} =$

d) $\frac{5}{44} + \frac{4}{11} =$

② a) $\frac{4}{9} + \frac{22}{45} =$

b) $\frac{21}{26} + \frac{1}{4} =$

c) $\frac{17}{42} + \frac{2}{7} =$

d) $\frac{3}{20} + \frac{29}{30} =$

③ a) $\frac{23}{36} + \frac{1}{2} =$

b) $\frac{4}{33} + \frac{5}{11} =$

c) $\frac{2}{5} + \frac{27}{40} =$

d) $\frac{17}{20} + \frac{3}{8} =$

④ a) $\frac{7}{36} + \frac{1}{6} =$

b) $\frac{8}{13} + \frac{11}{26} =$

c) $\frac{15}{28} + \frac{4}{7} =$

d) $\frac{17}{24} + \frac{3}{16} =$

⑤ a) $\frac{1}{3} + \frac{2}{19} =$

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

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

d) $\frac{2}{3} + \frac{14}{45} =$

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

$$\textcircled{1} \quad \text{a) } \frac{1}{30} + \frac{1}{3} = \frac{1}{30} + \frac{10}{30} = \frac{11}{30} \qquad \text{b) } \frac{13}{21} + \frac{13}{14} = \frac{26}{42} + \frac{39}{42} = \frac{65}{42} = 1 \frac{23}{42}$$

$$\text{c) } \frac{9}{14} + \frac{11}{28} = \frac{18}{28} + \frac{11}{28} = \frac{29}{28} = 1 \frac{1}{28} \qquad \text{d) } \frac{5}{44} + \frac{4}{11} = \frac{5}{44} + \frac{16}{44} = \frac{21}{44}$$

$$\textcircled{2} \quad \text{a) } \frac{4}{9} + \frac{22}{45} = \frac{20}{45} + \frac{22}{45} = \frac{42}{45} = \frac{14}{15} \qquad \text{b) } \frac{21}{26} + \frac{1}{4} = \frac{42}{52} + \frac{13}{52} = \frac{55}{52} = 1 \frac{3}{52}$$

$$\text{c) } \frac{17}{42} + \frac{2}{7} = \frac{17}{42} + \frac{12}{42} = \frac{29}{42} \qquad \text{d) } \frac{3}{20} + \frac{29}{30} = \frac{9}{60} + \frac{58}{60} = \frac{67}{60} = 1 \frac{7}{60}$$

$$\textcircled{3} \quad \text{a) } \frac{23}{36} + \frac{1}{2} = \frac{23}{36} + \frac{18}{36} = \frac{41}{36} = 1 \frac{5}{36} \qquad \text{b) } \frac{4}{33} + \frac{5}{11} = \frac{4}{33} + \frac{15}{33} = \frac{19}{33}$$

$$\text{c) } \frac{2}{5} + \frac{27}{40} = \frac{16}{40} + \frac{27}{40} = \frac{43}{40} = 1 \frac{3}{40} \qquad \text{d) } \frac{17}{20} + \frac{3}{8} = \frac{34}{40} + \frac{15}{40} = \frac{49}{40} = 1 \frac{9}{40}$$

$$\textcircled{4} \quad \text{a) } \frac{7}{36} + \frac{1}{6} = \frac{7}{36} + \frac{6}{36} = \frac{13}{36} \qquad \text{b) } \frac{8}{13} + \frac{11}{26} = \frac{16}{26} + \frac{11}{26} = \frac{27}{26} = 1 \frac{1}{26}$$

$$\text{c) } \frac{15}{28} + \frac{4}{7} = \frac{15}{28} + \frac{16}{28} = \frac{31}{28} = 1 \frac{3}{28} \qquad \text{d) } \frac{17}{24} + \frac{3}{16} = \frac{34}{48} + \frac{9}{48} = \frac{43}{48}$$

$$\textcircled{5} \quad \text{a) } \frac{1}{3} + \frac{2}{19} = \frac{19}{57} + \frac{6}{57} = \frac{25}{57} \qquad \text{b) } \frac{19}{27} + \frac{8}{9} = \frac{19}{27} + \frac{24}{27} = \frac{43}{27} = 1 \frac{16}{27}$$

$$\text{c) } \frac{13}{20} + \frac{17}{30} = \frac{39}{60} + \frac{34}{60} = \frac{73}{60} = 1 \frac{13}{60} \qquad \text{d) } \frac{2}{3} + \frac{14}{45} = \frac{30}{45} + \frac{14}{45} = \frac{44}{45}$$