

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

① a)  $\frac{1}{7} + \frac{13}{35} =$

b)  $\frac{2}{3} + \frac{10}{13} =$

c)  $\frac{29}{42} + \frac{2}{21} =$

d)  $\frac{5}{7} + \frac{1}{5} =$

② a)  $\frac{7}{45} + \frac{4}{15} =$

b)  $\frac{3}{14} + \frac{11}{42} =$

c)  $\frac{19}{20} + \frac{2}{5} =$

d)  $\frac{10}{17} + \frac{1}{34} =$

③ a)  $\frac{3}{5} + \frac{13}{20} =$

b)  $\frac{27}{32} + \frac{9}{16} =$

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

d)  $\frac{11}{20} + \frac{7}{15} =$

④ a)  $\frac{16}{19} + \frac{2}{3} =$

b)  $\frac{2}{15} + \frac{1}{12} =$

c)  $\frac{14}{27} + \frac{17}{18} =$

d)  $\frac{29}{35} + \frac{5}{7} =$

⑤ a)  $\frac{6}{11} + \frac{13}{33} =$

b)  $\frac{8}{9} + \frac{29}{36} =$

c)  $\frac{13}{15} + \frac{26}{45} =$

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

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

$$\textcircled{1} \quad \text{a) } \frac{1}{7} + \frac{13}{35} = \frac{5}{35} + \frac{13}{35} = \frac{18}{35} \qquad \text{b) } \frac{2}{3} + \frac{10}{13} = \frac{26}{39} + \frac{30}{39} = \frac{56}{39} = 1 \frac{17}{39}$$

$$\text{c) } \frac{29}{42} + \frac{2}{21} = \frac{29}{42} + \frac{4}{42} = \frac{33}{42} = \frac{11}{14} \qquad \text{d) } \frac{5}{7} + \frac{1}{5} = \frac{25}{35} + \frac{7}{35} = \frac{32}{35}$$

$$\textcircled{2} \quad \text{a) } \frac{7}{45} + \frac{4}{15} = \frac{7}{45} + \frac{12}{45} = \frac{19}{45} \qquad \text{b) } \frac{3}{14} + \frac{11}{42} = \frac{9}{42} + \frac{11}{42} = \frac{20}{42} = \frac{10}{21}$$

$$\text{c) } \frac{19}{20} + \frac{2}{5} = \frac{19}{20} + \frac{8}{20} = \frac{27}{20} = 1 \frac{7}{20} \qquad \text{d) } \frac{10}{17} + \frac{1}{34} = \frac{20}{34} + \frac{1}{34} = \frac{21}{34}$$

$$\textcircled{3} \quad \text{a) } \frac{3}{5} + \frac{13}{20} = \frac{12}{20} + \frac{13}{20} = \frac{25}{20} = 1 \frac{1}{4} \qquad \text{b) } \frac{27}{32} + \frac{9}{16} = \frac{27}{32} + \frac{18}{32} = \frac{45}{32} = 1 \frac{13}{32}$$

$$\text{c) } \frac{7}{22} + \frac{1}{44} = \frac{14}{44} + \frac{1}{44} = \frac{15}{44} \qquad \text{d) } \frac{11}{20} + \frac{7}{15} = \frac{33}{60} + \frac{28}{60} = \frac{61}{60} = 1 \frac{1}{60}$$

$$\textcircled{4} \quad \text{a) } \frac{16}{19} + \frac{2}{3} = \frac{48}{57} + \frac{38}{57} = \frac{86}{57} = 1 \frac{29}{57} \qquad \text{b) } \frac{2}{15} + \frac{1}{12} = \frac{8}{60} + \frac{5}{60} = \frac{13}{60}$$

$$\text{c) } \frac{14}{27} + \frac{17}{18} = \frac{28}{54} + \frac{51}{54} = \frac{79}{54} = 1 \frac{25}{54} \qquad \text{d) } \frac{29}{35} + \frac{5}{7} = \frac{29}{35} + \frac{25}{35} = \frac{54}{35} = 1 \frac{19}{35}$$

$$\textcircled{5} \quad \text{a) } \frac{6}{11} + \frac{13}{33} = \frac{18}{33} + \frac{13}{33} = \frac{31}{33} \qquad \text{b) } \frac{8}{9} + \frac{29}{36} = \frac{32}{36} + \frac{29}{36} = \frac{61}{36} = 1 \frac{25}{36}$$

$$\text{c) } \frac{13}{15} + \frac{26}{45} = \frac{39}{45} + \frac{26}{45} = \frac{65}{45} = 1 \frac{4}{9} \qquad \text{d) } \frac{4}{11} + \frac{5}{44} = \frac{16}{44} + \frac{5}{44} = \frac{21}{44}$$