

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

① a)  $\frac{16}{35} + \frac{1}{7} =$

b)  $\frac{11}{36} + \frac{11}{12} =$

c)  $\frac{13}{19} + \frac{7}{38} =$

d)  $\frac{7}{9} + \frac{22}{45} =$

② a)  $\frac{17}{22} + \frac{3}{11} =$

b)  $\frac{13}{34} + \frac{1}{17} =$

c)  $\frac{1}{11} + \frac{17}{33} =$

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

③ a)  $\frac{10}{17} + \frac{2}{3} =$

b)  $\frac{5}{12} + \frac{1}{10} =$

c)  $\frac{17}{18} + \frac{10}{27} =$

d)  $\frac{10}{11} + \frac{8}{33} =$

④ a)  $\frac{4}{27} + \frac{5}{18} =$

b)  $\frac{11}{40} + \frac{19}{20} =$

c)  $\frac{1}{3} + \frac{29}{42} =$

d)  $\frac{13}{35} + \frac{2}{5} =$

⑤ a)  $\frac{7}{27} + \frac{7}{9} =$

b)  $\frac{5}{8} + \frac{9}{14} =$

c)  $\frac{3}{10} + \frac{16}{25} =$

d)  $\frac{1}{15} + \frac{29}{30} =$

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

$$\textcircled{1} \quad \text{a) } \frac{16}{35} + \frac{1}{7} = \frac{16}{35} + \frac{5}{35} = \frac{21}{35} = \frac{3}{5}$$

$$\text{b) } \frac{11}{36} + \frac{11}{12} = \frac{11}{36} + \frac{33}{36} = \frac{44}{36} = 1 \frac{2}{9}$$

$$\text{c) } \frac{13}{19} + \frac{7}{38} = \frac{26}{38} + \frac{7}{38} = \frac{33}{38}$$

$$\text{d) } \frac{7}{9} + \frac{22}{45} = \frac{35}{45} + \frac{22}{45} = \frac{57}{45} = 1 \frac{4}{15}$$

$$\textcircled{2} \quad \text{a) } \frac{17}{22} + \frac{3}{11} = \frac{17}{22} + \frac{6}{22} = \frac{23}{22} = 1 \frac{1}{22}$$

$$\text{b) } \frac{13}{34} + \frac{1}{17} = \frac{13}{34} + \frac{2}{34} = \frac{15}{34}$$

$$\text{c) } \frac{1}{11} + \frac{17}{33} = \frac{3}{33} + \frac{17}{33} = \frac{20}{33}$$

$$\text{d) } \frac{9}{16} + \frac{27}{32} = \frac{18}{32} + \frac{27}{32} = \frac{45}{32} = 1 \frac{13}{32}$$

$$\textcircled{3} \quad \text{a) } \frac{10}{17} + \frac{2}{3} = \frac{30}{51} + \frac{34}{51} = \frac{64}{51} = 1 \frac{13}{51}$$

$$\text{b) } \frac{5}{12} + \frac{1}{10} = \frac{25}{60} + \frac{6}{60} = \frac{31}{60}$$

$$\text{c) } \frac{17}{18} + \frac{10}{27} = \frac{51}{54} + \frac{20}{54} = \frac{71}{54} = 1 \frac{17}{54}$$

$$\text{d) } \frac{10}{11} + \frac{8}{33} = \frac{30}{33} + \frac{8}{33} = \frac{38}{33} = 1 \frac{5}{33}$$

$$\textcircled{4} \quad \text{a) } \frac{4}{27} + \frac{5}{18} = \frac{8}{54} + \frac{15}{54} = \frac{23}{54}$$

$$\text{b) } \frac{11}{40} + \frac{19}{20} = \frac{11}{40} + \frac{38}{40} = \frac{49}{40} = 1 \frac{9}{40}$$

$$\text{c) } \frac{1}{3} + \frac{29}{42} = \frac{14}{42} + \frac{29}{42} = \frac{43}{42} = 1 \frac{1}{42}$$

$$\text{d) } \frac{13}{35} + \frac{2}{5} = \frac{13}{35} + \frac{14}{35} = \frac{27}{35}$$

$$\textcircled{5} \quad \text{a) } \frac{7}{27} + \frac{7}{9} = \frac{7}{27} + \frac{21}{27} = \frac{28}{27} = 1 \frac{1}{27}$$

$$\text{b) } \frac{5}{8} + \frac{9}{14} = \frac{35}{56} + \frac{36}{56} = \frac{71}{56} = 1 \frac{15}{56}$$

$$\text{c) } \frac{3}{10} + \frac{16}{25} = \frac{15}{50} + \frac{32}{50} = \frac{47}{50}$$

$$\text{d) } \frac{1}{15} + \frac{29}{30} = \frac{2}{30} + \frac{29}{30} = \frac{31}{30} = 1 \frac{1}{30}$$