

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

① a)  $\frac{29}{35} + \frac{4}{5} =$

b)  $\frac{13}{18} + \frac{1}{3} =$

c)  $\frac{1}{8} + \frac{6}{7} =$

d)  $\frac{3}{34} + \frac{16}{17} =$

② a)  $\frac{5}{9} + \frac{5}{6} =$

b)  $\frac{22}{39} + \frac{2}{13} =$

c)  $\frac{19}{20} + \frac{21}{40} =$

d)  $\frac{29}{30} + \frac{14}{15} =$

③ a)  $\frac{17}{25} + \frac{3}{10} =$

b)  $\frac{3}{4} + \frac{12}{13} =$

c)  $\frac{13}{14} + \frac{11}{28} =$

d)  $\frac{8}{33} + \frac{4}{11} =$

④ a)  $\frac{5}{18} + \frac{22}{27} =$

b)  $\frac{13}{22} + \frac{21}{44} =$

c)  $\frac{15}{28} + \frac{3}{8} =$

d)  $\frac{5}{8} + \frac{29}{40} =$

⑤ a)  $\frac{8}{9} + \frac{13}{27} =$

b)  $\frac{7}{38} + \frac{10}{19} =$

c)  $\frac{19}{45} + \frac{7}{15} =$

d)  $\frac{1}{12} + \frac{1}{36} =$

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

$$\textcircled{1} \quad \text{a) } \frac{29}{35} + \frac{4}{5} = \frac{29}{35} + \frac{28}{35} = \frac{57}{35} = 1 \frac{22}{35}$$

$$\text{b) } \frac{13}{18} + \frac{1}{3} = \frac{13}{18} + \frac{6}{18} = \frac{19}{18} = 1 \frac{1}{18}$$

$$\text{c) } \frac{1}{8} + \frac{6}{7} = \frac{7}{56} + \frac{48}{56} = \frac{55}{56}$$

$$\text{d) } \frac{3}{34} + \frac{16}{17} = \frac{3}{34} + \frac{32}{34} = \frac{35}{34} = 1 \frac{1}{34}$$

$$\textcircled{2} \quad \text{a) } \frac{5}{9} + \frac{5}{6} = \frac{10}{18} + \frac{15}{18} = \frac{25}{18} = 1 \frac{7}{18}$$

$$\text{b) } \frac{22}{39} + \frac{2}{13} = \frac{22}{39} + \frac{6}{39} = \frac{28}{39}$$

$$\text{c) } \frac{19}{20} + \frac{21}{40} = \frac{38}{40} + \frac{21}{40} = \frac{59}{40} = 1 \frac{19}{40}$$

$$\text{d) } \frac{29}{30} + \frac{14}{15} = \frac{29}{30} + \frac{28}{30} = \frac{57}{30} = 1 \frac{9}{10}$$

$$\textcircled{3} \quad \text{a) } \frac{17}{25} + \frac{3}{10} = \frac{34}{50} + \frac{15}{50} = \frac{49}{50}$$

$$\text{b) } \frac{3}{4} + \frac{12}{13} = \frac{39}{52} + \frac{48}{52} = \frac{87}{52} = 1 \frac{35}{52}$$

$$\text{c) } \frac{13}{14} + \frac{11}{28} = \frac{26}{28} + \frac{11}{28} = \frac{37}{28} = 1 \frac{9}{28}$$

$$\text{d) } \frac{8}{33} + \frac{4}{11} = \frac{8}{33} + \frac{12}{33} = \frac{20}{33}$$

$$\textcircled{4} \quad \text{a) } \frac{5}{18} + \frac{22}{27} = \frac{15}{54} + \frac{44}{54} = \frac{59}{54} = 1 \frac{5}{54}$$

$$\text{b) } \frac{13}{22} + \frac{21}{44} = \frac{26}{44} + \frac{21}{44} = \frac{47}{44} = 1 \frac{3}{44}$$

$$\text{c) } \frac{15}{28} + \frac{3}{8} = \frac{30}{56} + \frac{21}{56} = \frac{51}{56}$$

$$\text{d) } \frac{5}{8} + \frac{29}{40} = \frac{25}{40} + \frac{29}{40} = \frac{54}{40} = 1 \frac{7}{20}$$

$$\textcircled{5} \quad \text{a) } \frac{8}{9} + \frac{13}{27} = \frac{24}{27} + \frac{13}{27} = \frac{37}{27} = 1 \frac{10}{27}$$

$$\text{b) } \frac{7}{38} + \frac{10}{19} = \frac{7}{38} + \frac{20}{38} = \frac{27}{38}$$

$$\text{c) } \frac{19}{45} + \frac{7}{15} = \frac{19}{45} + \frac{21}{45} = \frac{40}{45} = \frac{8}{9}$$

$$\text{d) } \frac{1}{12} + \frac{1}{36} = \frac{3}{36} + \frac{1}{36} = \frac{4}{36} = \frac{1}{9}$$