

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

① a)  $\frac{29}{30} + \frac{4}{5} =$

b)  $\frac{13}{22} + \frac{9}{11} =$

c)  $\frac{6}{13} + \frac{7}{39} =$

d)  $\frac{27}{38} + \frac{1}{2} =$

② a)  $\frac{3}{5} + \frac{21}{40} =$

b)  $\frac{23}{40} + \frac{7}{20} =$

c)  $\frac{9}{17} + \frac{9}{34} =$

d)  $\frac{3}{8} + \frac{25}{32} =$

③ a)  $\frac{21}{34} + \frac{15}{17} =$

b)  $\frac{7}{9} + \frac{4}{27} =$

c)  $\frac{17}{42} + \frac{10}{21} =$

d)  $\frac{29}{30} + \frac{13}{20} =$

④ a)  $\frac{8}{9} + \frac{29}{45} =$

b)  $\frac{1}{21} + \frac{4}{7} =$

c)  $\frac{5}{14} + \frac{19}{42} =$

d)  $\frac{9}{11} + \frac{17}{22} =$

⑤ a)  $\frac{7}{45} + \frac{4}{5} =$

b)  $\frac{5}{42} + \frac{13}{14} =$

c)  $\frac{17}{39} + \frac{12}{13} =$

d)  $\frac{7}{16} + \frac{5}{32} =$

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

$$\textcircled{1} \quad \text{a) } \frac{29}{30} + \frac{4}{5} = \frac{29}{30} + \frac{24}{30} = \frac{53}{30} = 1 \frac{23}{30}$$

$$\text{b) } \frac{13}{22} + \frac{9}{11} = \frac{13}{22} + \frac{18}{22} = \frac{31}{22} = 1 \frac{9}{22}$$

$$\text{c) } \frac{6}{13} + \frac{7}{39} = \frac{18}{39} + \frac{7}{39} = \frac{25}{39}$$

$$\text{d) } \frac{27}{38} + \frac{1}{2} = \frac{27}{38} + \frac{19}{38} = \frac{46}{38} = 1 \frac{4}{19}$$

$$\textcircled{2} \quad \text{a) } \frac{3}{5} + \frac{21}{40} = \frac{24}{40} + \frac{21}{40} = \frac{45}{40} = 1 \frac{1}{8}$$

$$\text{b) } \frac{23}{40} + \frac{7}{20} = \frac{23}{40} + \frac{14}{40} = \frac{37}{40}$$

$$\text{c) } \frac{9}{17} + \frac{9}{34} = \frac{18}{34} + \frac{9}{34} = \frac{27}{34}$$

$$\text{d) } \frac{3}{8} + \frac{25}{32} = \frac{12}{32} + \frac{25}{32} = \frac{37}{32} = 1 \frac{5}{32}$$

$$\textcircled{3} \quad \text{a) } \frac{21}{34} + \frac{15}{17} = \frac{21}{34} + \frac{30}{34} = \frac{51}{34} = 1 \frac{1}{2}$$

$$\text{b) } \frac{7}{9} + \frac{4}{27} = \frac{21}{27} + \frac{4}{27} = \frac{25}{27}$$

$$\text{c) } \frac{17}{42} + \frac{10}{21} = \frac{17}{42} + \frac{20}{42} = \frac{37}{42}$$

$$\text{d) } \frac{29}{30} + \frac{13}{20} = \frac{58}{60} + \frac{39}{60} = \frac{97}{60} = 1 \frac{37}{60}$$

$$\textcircled{4} \quad \text{a) } \frac{8}{9} + \frac{29}{45} = \frac{40}{45} + \frac{29}{45} = \frac{69}{45} = 1 \frac{8}{15}$$

$$\text{b) } \frac{1}{21} + \frac{4}{7} = \frac{1}{21} + \frac{12}{21} = \frac{13}{21}$$

$$\text{c) } \frac{5}{14} + \frac{19}{42} = \frac{15}{42} + \frac{19}{42} = \frac{34}{42} = \frac{17}{21}$$

$$\text{d) } \frac{9}{11} + \frac{17}{22} = \frac{18}{22} + \frac{17}{22} = \frac{35}{22} = 1 \frac{13}{22}$$

$$\textcircled{5} \quad \text{a) } \frac{7}{45} + \frac{4}{5} = \frac{7}{45} + \frac{36}{45} = \frac{43}{45}$$

$$\text{b) } \frac{5}{42} + \frac{13}{14} = \frac{5}{42} + \frac{39}{42} = \frac{44}{42} = 1 \frac{1}{21}$$

$$\text{c) } \frac{17}{39} + \frac{12}{13} = \frac{17}{39} + \frac{36}{39} = \frac{53}{39} = 1 \frac{14}{39}$$

$$\text{d) } \frac{7}{16} + \frac{5}{32} = \frac{14}{32} + \frac{5}{32} = \frac{19}{32}$$