

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

① a)  $\frac{2}{3} + \frac{2}{15} =$

b)  $\frac{1}{6} + \frac{25}{42} =$

c)  $\frac{5}{18} + \frac{11}{27} =$

d)  $\frac{7}{16} + \frac{15}{32} =$

② a)  $\frac{6}{7} + \frac{8}{35} =$

b)  $\frac{13}{15} + \frac{14}{45} =$

c)  $\frac{2}{17} + \frac{1}{3} =$

d)  $\frac{3}{35} + \frac{5}{7} =$

③ a)  $\frac{10}{11} + \frac{15}{44} =$

b)  $\frac{1}{5} + \frac{1}{30} =$

c)  $\frac{13}{21} + \frac{29}{42} =$

d)  $\frac{11}{13} + \frac{22}{39} =$

④ a)  $\frac{4}{15} + \frac{1}{2} =$

b)  $\frac{12}{17} + \frac{27}{34} =$

c)  $\frac{11}{42} + \frac{11}{14} =$

d)  $\frac{7}{40} + \frac{4}{5} =$

⑤ a)  $\frac{6}{7} + \frac{9}{35} =$

b)  $\frac{5}{16} + \frac{25}{32} =$

c)  $\frac{8}{11} + \frac{7}{44} =$

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

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

$$\textcircled{1} \quad \text{a) } \frac{2}{3} + \frac{2}{15} = \frac{10}{15} + \frac{2}{15} = \frac{12}{15} = \frac{4}{5}$$

$$\text{b) } \frac{1}{6} + \frac{25}{42} = \frac{7}{42} + \frac{25}{42} = \frac{32}{42} = \frac{16}{21}$$

$$\text{c) } \frac{5}{18} + \frac{11}{27} = \frac{15}{54} + \frac{22}{54} = \frac{37}{54}$$

$$\text{d) } \frac{7}{16} + \frac{15}{32} = \frac{14}{32} + \frac{15}{32} = \frac{29}{32}$$

$$\textcircled{2} \quad \text{a) } \frac{6}{7} + \frac{8}{35} = \frac{30}{35} + \frac{8}{35} = \frac{38}{35} = 1 \frac{3}{35}$$

$$\text{b) } \frac{13}{15} + \frac{14}{45} = \frac{39}{45} + \frac{14}{45} = \frac{53}{45} = 1 \frac{8}{45}$$

$$\text{c) } \frac{2}{17} + \frac{1}{3} = \frac{6}{51} + \frac{17}{51} = \frac{23}{51}$$

$$\text{d) } \frac{3}{35} + \frac{5}{7} = \frac{3}{35} + \frac{25}{35} = \frac{28}{35} = \frac{4}{5}$$

$$\textcircled{3} \quad \text{a) } \frac{10}{11} + \frac{15}{44} = \frac{40}{44} + \frac{15}{44} = \frac{55}{44} = 1 \frac{1}{4}$$

$$\text{b) } \frac{1}{5} + \frac{1}{30} = \frac{6}{30} + \frac{1}{30} = \frac{7}{30}$$

$$\text{c) } \frac{13}{21} + \frac{29}{42} = \frac{26}{42} + \frac{29}{42} = \frac{55}{42} = 1 \frac{13}{42}$$

$$\text{d) } \frac{11}{13} + \frac{22}{39} = \frac{33}{39} + \frac{22}{39} = \frac{55}{39} = 1 \frac{16}{39}$$

$$\textcircled{4} \quad \text{a) } \frac{4}{15} + \frac{1}{2} = \frac{8}{30} + \frac{15}{30} = \frac{23}{30}$$

$$\text{b) } \frac{12}{17} + \frac{27}{34} = \frac{24}{34} + \frac{27}{34} = \frac{51}{34} = 1 \frac{1}{2}$$

$$\text{c) } \frac{11}{42} + \frac{11}{14} = \frac{11}{42} + \frac{33}{42} = \frac{44}{42} = 1 \frac{1}{21}$$

$$\text{d) } \frac{7}{40} + \frac{4}{5} = \frac{7}{40} + \frac{32}{40} = \frac{39}{40}$$

$$\textcircled{5} \quad \text{a) } \frac{6}{7} + \frac{9}{35} = \frac{30}{35} + \frac{9}{35} = \frac{39}{35} = 1 \frac{4}{35}$$

$$\text{b) } \frac{5}{16} + \frac{25}{32} = \frac{10}{32} + \frac{25}{32} = \frac{35}{32} = 1 \frac{3}{32}$$

$$\text{c) } \frac{8}{11} + \frac{7}{44} = \frac{32}{44} + \frac{7}{44} = \frac{39}{44}$$

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