

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

① a) $\frac{1}{7} + \frac{27}{28} =$

b) $\frac{11}{16} + \frac{5}{24} =$

c) $\frac{19}{30} + \frac{11}{12} =$

d) $\frac{7}{8} + \frac{1}{5} =$

② a) $\frac{3}{7} + \frac{19}{35} =$

b) $\frac{2}{3} + \frac{17}{33} =$

c) $\frac{5}{36} + \frac{7}{9} =$

d) $\frac{4}{11} + \frac{1}{2} =$

③ a) $\frac{8}{15} + \frac{22}{45} =$

b) $\frac{28}{33} + \frac{6}{11} =$

c) $\frac{4}{45} + \frac{11}{15} =$

d) $\frac{15}{28} + \frac{1}{4} =$

④ a) $\frac{9}{35} + \frac{6}{7} =$

b) $\frac{1}{3} + \frac{7}{39} =$

c) $\frac{3}{4} + \frac{5}{28} =$

d) $\frac{23}{25} + \frac{2}{5} =$

⑤ a) $\frac{11}{34} + \frac{4}{17} =$

b) $\frac{3}{14} + \frac{19}{28} =$

c) $\frac{19}{24} + \frac{5}{8} =$

d) $\frac{9}{17} + \frac{2}{3} =$

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

$$\textcircled{1} \quad \text{a) } \frac{1}{7} + \frac{27}{28} = \frac{4}{28} + \frac{27}{28} = \frac{31}{28} = 1 \frac{3}{28}$$

$$\text{b) } \frac{11}{16} + \frac{5}{24} = \frac{33}{48} + \frac{10}{48} = \frac{43}{48}$$

$$\text{c) } \frac{19}{30} + \frac{11}{12} = \frac{38}{60} + \frac{55}{60} = \frac{93}{60} = 1 \frac{11}{20}$$

$$\text{d) } \frac{7}{8} + \frac{1}{5} = \frac{35}{40} + \frac{8}{40} = \frac{43}{40} = 1 \frac{3}{40}$$

$$\textcircled{2} \quad \text{a) } \frac{3}{7} + \frac{19}{35} = \frac{15}{35} + \frac{19}{35} = \frac{34}{35}$$

$$\text{b) } \frac{2}{3} + \frac{17}{33} = \frac{22}{33} + \frac{17}{33} = \frac{39}{33} = 1 \frac{2}{11}$$

$$\text{c) } \frac{5}{36} + \frac{7}{9} = \frac{5}{36} + \frac{28}{36} = \frac{33}{36} = \frac{11}{12}$$

$$\text{d) } \frac{4}{11} + \frac{1}{2} = \frac{8}{22} + \frac{11}{22} = \frac{19}{22}$$

$$\textcircled{3} \quad \text{a) } \frac{8}{15} + \frac{22}{45} = \frac{24}{45} + \frac{22}{45} = \frac{46}{45} = 1 \frac{1}{45}$$

$$\text{b) } \frac{28}{33} + \frac{6}{11} = \frac{28}{33} + \frac{18}{33} = \frac{46}{33} = 1 \frac{13}{33}$$

$$\text{c) } \frac{4}{45} + \frac{11}{15} = \frac{4}{45} + \frac{33}{45} = \frac{37}{45}$$

$$\text{d) } \frac{15}{28} + \frac{1}{4} = \frac{15}{28} + \frac{7}{28} = \frac{22}{28} = \frac{11}{14}$$

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

$$\text{b) } \frac{1}{3} + \frac{7}{39} = \frac{13}{39} + \frac{7}{39} = \frac{20}{39}$$

$$\text{c) } \frac{3}{4} + \frac{5}{28} = \frac{21}{28} + \frac{5}{28} = \frac{26}{28} = \frac{13}{14}$$

$$\text{d) } \frac{23}{25} + \frac{2}{5} = \frac{23}{25} + \frac{10}{25} = \frac{33}{25} = 1 \frac{8}{25}$$

$$\textcircled{5} \quad \text{a) } \frac{11}{34} + \frac{4}{17} = \frac{11}{34} + \frac{8}{34} = \frac{19}{34}$$

$$\text{b) } \frac{3}{14} + \frac{19}{28} = \frac{6}{28} + \frac{19}{28} = \frac{25}{28}$$

$$\text{c) } \frac{19}{24} + \frac{5}{8} = \frac{19}{24} + \frac{15}{24} = \frac{34}{24} = 1 \frac{5}{12}$$

$$\text{d) } \frac{9}{17} + \frac{2}{3} = \frac{27}{51} + \frac{34}{51} = \frac{61}{51} = 1 \frac{10}{51}$$