

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

① a) $\frac{2}{5} + \frac{12}{35} =$

b) $\frac{7}{18} + \frac{1}{9} =$

c) $\frac{5}{8} + \frac{13}{14} =$

d) $\frac{1}{2} + \frac{9}{20} =$

② a) $\frac{7}{10} + \frac{5}{12} =$

b) $\frac{5}{14} + \frac{6}{7} =$

c) $\frac{15}{32} + \frac{3}{8} =$

d) $\frac{2}{45} + \frac{2}{9} =$

③ a) $\frac{17}{22} + \frac{21}{44} =$

b) $\frac{1}{5} + \frac{5}{11} =$

c) $\frac{2}{11} + \frac{19}{33} =$

d) $\frac{13}{16} + \frac{21}{32} =$

④ a) $\frac{3}{4} + \frac{17}{36} =$

b) $\frac{7}{9} + \frac{1}{6} =$

c) $\frac{1}{3} + \frac{13}{14} =$

d) $\frac{8}{13} + \frac{2}{3} =$

⑤ a) $\frac{21}{38} + \frac{1}{19} =$

b) $\frac{23}{30} + \frac{17}{20} =$

c) $\frac{13}{35} + \frac{3}{7} =$

d) $\frac{25}{44} + \frac{9}{22} =$

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

$$\textcircled{1} \quad \text{a) } \frac{2}{5} + \frac{12}{35} = \frac{14}{35} + \frac{12}{35} = \frac{26}{35}$$

$$\text{b) } \frac{7}{18} + \frac{1}{9} = \frac{7}{18} + \frac{2}{18} = \frac{9}{18} = \frac{1}{2}$$

$$\text{c) } \frac{5}{8} + \frac{13}{14} = \frac{35}{56} + \frac{52}{56} = \frac{87}{56} = 1 \frac{31}{56}$$

$$\text{d) } \frac{1}{2} + \frac{9}{20} = \frac{10}{20} + \frac{9}{20} = \frac{19}{20}$$

$$\textcircled{2} \quad \text{a) } \frac{7}{10} + \frac{5}{12} = \frac{42}{60} + \frac{25}{60} = \frac{67}{60} = 1 \frac{7}{60}$$

$$\text{b) } \frac{5}{14} + \frac{6}{7} = \frac{5}{14} + \frac{12}{14} = \frac{17}{14} = 1 \frac{3}{14}$$

$$\text{c) } \frac{15}{32} + \frac{3}{8} = \frac{15}{32} + \frac{12}{32} = \frac{27}{32}$$

$$\text{d) } \frac{2}{45} + \frac{2}{9} = \frac{2}{45} + \frac{10}{45} = \frac{12}{45} = \frac{4}{15}$$

$$\textcircled{3} \quad \text{a) } \frac{17}{22} + \frac{21}{44} = \frac{34}{44} + \frac{21}{44} = \frac{55}{44} = 1 \frac{1}{4}$$

$$\text{b) } \frac{1}{5} + \frac{5}{11} = \frac{11}{55} + \frac{25}{55} = \frac{36}{55}$$

$$\text{c) } \frac{2}{11} + \frac{19}{33} = \frac{6}{33} + \frac{19}{33} = \frac{25}{33}$$

$$\text{d) } \frac{13}{16} + \frac{21}{32} = \frac{26}{32} + \frac{21}{32} = \frac{47}{32} = 1 \frac{15}{32}$$

$$\textcircled{4} \quad \text{a) } \frac{3}{4} + \frac{17}{36} = \frac{27}{36} + \frac{17}{36} = \frac{44}{36} = 1 \frac{2}{9}$$

$$\text{b) } \frac{7}{9} + \frac{1}{6} = \frac{14}{18} + \frac{3}{18} = \frac{17}{18}$$

$$\text{c) } \frac{1}{3} + \frac{13}{14} = \frac{14}{42} + \frac{39}{42} = \frac{53}{42} = 1 \frac{11}{42}$$

$$\text{d) } \frac{8}{13} + \frac{2}{3} = \frac{24}{39} + \frac{26}{39} = \frac{50}{39} = 1 \frac{11}{39}$$

$$\textcircled{5} \quad \text{a) } \frac{21}{38} + \frac{1}{19} = \frac{21}{38} + \frac{2}{38} = \frac{23}{38}$$

$$\text{b) } \frac{23}{30} + \frac{17}{20} = \frac{46}{60} + \frac{51}{60} = \frac{97}{60} = 1 \frac{37}{60}$$

$$\text{c) } \frac{13}{35} + \frac{3}{7} = \frac{13}{35} + \frac{15}{35} = \frac{28}{35} = \frac{4}{5}$$

$$\text{d) } \frac{25}{44} + \frac{9}{22} = \frac{25}{44} + \frac{18}{44} = \frac{43}{44}$$