

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

① a) $\frac{3}{5} + \frac{3}{4} =$

b) $\frac{1}{7} + \frac{19}{21} =$

c) $\frac{29}{44} + \frac{7}{22} =$

d) $\frac{19}{39} + \frac{12}{13} =$

② a) $\frac{2}{15} + \frac{29}{45} =$

b) $\frac{5}{21} + \frac{3}{14} =$

c) $\frac{29}{39} + \frac{9}{13} =$

d) $\frac{23}{24} + \frac{1}{8} =$

③ a) $\frac{8}{11} + \frac{4}{33} =$

b) $\frac{19}{44} + \frac{2}{11} =$

c) $\frac{2}{3} + \frac{13}{21} =$

d) $\frac{1}{10} + \frac{1}{15} =$

④ a) $\frac{3}{22} + \frac{7}{44} =$

b) $\frac{8}{9} + \frac{19}{45} =$

c) $\frac{5}{6} + \frac{10}{27} =$

d) $\frac{17}{30} + \frac{1}{5} =$

⑤ a) $\frac{7}{20} + \frac{7}{40} =$

b) $\frac{23}{36} + \frac{5}{18} =$

c) $\frac{1}{2} + \frac{21}{32} =$

d) $\frac{12}{25} + \frac{2}{5} =$

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$$\textcircled{1} \quad \text{a) } \frac{3}{5} + \frac{3}{4} = \frac{12}{20} + \frac{15}{20} = \frac{27}{20} = 1 \frac{7}{20}$$

$$\text{b) } \frac{1}{7} + \frac{19}{21} = \frac{3}{21} + \frac{19}{21} = \frac{22}{21} = 1 \frac{1}{21}$$

$$\text{c) } \frac{29}{44} + \frac{7}{22} = \frac{29}{44} + \frac{14}{44} = \frac{43}{44}$$

$$\text{d) } \frac{19}{39} + \frac{12}{13} = \frac{19}{39} + \frac{36}{39} = \frac{55}{39} = 1 \frac{16}{39}$$

$$\textcircled{2} \quad \text{a) } \frac{2}{15} + \frac{29}{45} = \frac{6}{45} + \frac{29}{45} = \frac{35}{45} = \frac{7}{9}$$

$$\text{b) } \frac{5}{21} + \frac{3}{14} = \frac{10}{42} + \frac{9}{42} = \frac{19}{42}$$

$$\text{c) } \frac{29}{39} + \frac{9}{13} = \frac{29}{39} + \frac{27}{39} = \frac{56}{39} = 1 \frac{17}{39}$$

$$\text{d) } \frac{23}{24} + \frac{1}{8} = \frac{23}{24} + \frac{3}{24} = \frac{26}{24} = 1 \frac{1}{12}$$

$$\textcircled{3} \quad \text{a) } \frac{8}{11} + \frac{4}{33} = \frac{24}{33} + \frac{4}{33} = \frac{28}{33}$$

$$\text{b) } \frac{19}{44} + \frac{2}{11} = \frac{19}{44} + \frac{8}{44} = \frac{27}{44}$$

$$\text{c) } \frac{2}{3} + \frac{13}{21} = \frac{14}{21} + \frac{13}{21} = \frac{27}{21} = 1 \frac{2}{7}$$

$$\text{d) } \frac{1}{10} + \frac{1}{15} = \frac{3}{30} + \frac{2}{30} = \frac{5}{30} = \frac{1}{6}$$

$$\textcircled{4} \quad \text{a) } \frac{3}{22} + \frac{7}{44} = \frac{6}{44} + \frac{7}{44} = \frac{13}{44}$$

$$\text{b) } \frac{8}{9} + \frac{19}{45} = \frac{40}{45} + \frac{19}{45} = \frac{59}{45} = 1 \frac{14}{45}$$

$$\text{c) } \frac{5}{6} + \frac{10}{27} = \frac{45}{54} + \frac{20}{54} = \frac{65}{54} = 1 \frac{11}{54}$$

$$\text{d) } \frac{17}{30} + \frac{1}{5} = \frac{17}{30} + \frac{6}{30} = \frac{23}{30}$$

$$\textcircled{5} \quad \text{a) } \frac{7}{20} + \frac{7}{40} = \frac{14}{40} + \frac{7}{40} = \frac{21}{40}$$

$$\text{b) } \frac{23}{36} + \frac{5}{18} = \frac{23}{36} + \frac{10}{36} = \frac{33}{36} = \frac{11}{12}$$

$$\text{c) } \frac{1}{2} + \frac{21}{32} = \frac{16}{32} + \frac{21}{32} = \frac{37}{32} = 1 \frac{5}{32}$$

$$\text{d) } \frac{12}{25} + \frac{2}{5} = \frac{12}{25} + \frac{10}{25} = \frac{22}{25}$$