

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

① a) $\frac{25}{26} + \frac{1}{2} =$

b) $\frac{7}{40} + \frac{19}{20} =$

c) $\frac{1}{17} + \frac{27}{34} =$

d) $\frac{25}{38} + \frac{10}{19} =$

② a) $\frac{29}{42} + \frac{13}{21} =$

b) $\frac{2}{9} + \frac{1}{4} =$

c) $\frac{14}{15} + \frac{4}{45} =$

d) $\frac{29}{33} + \frac{10}{11} =$

③ a) $\frac{1}{13} + \frac{14}{39} =$

b) $\frac{11}{21} + \frac{6}{7} =$

c) $\frac{5}{6} + \frac{20}{21} =$

d) $\frac{2}{3} + \frac{1}{36} =$

④ a) $\frac{7}{11} + \frac{7}{33} =$

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

c) $\frac{25}{36} + \frac{17}{18} =$

d) $\frac{17}{44} + \frac{5}{22} =$

⑤ a) $\frac{7}{40} + \frac{3}{10} =$

b) $\frac{9}{16} + \frac{19}{24} =$

c) $\frac{11}{17} + \frac{29}{34} =$

d) $\frac{2}{33} + \frac{9}{11} =$

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$$\textcircled{1} \quad \text{a) } \frac{25}{26} + \frac{1}{2} = \frac{25}{26} + \frac{13}{26} = \frac{38}{26} = 1 \frac{6}{13}$$

$$\text{b) } \frac{7}{40} + \frac{19}{20} = \frac{7}{40} + \frac{38}{40} = \frac{45}{40} = 1 \frac{1}{8}$$

$$\text{c) } \frac{1}{17} + \frac{27}{34} = \frac{2}{34} + \frac{27}{34} = \frac{29}{34}$$

$$\text{d) } \frac{25}{38} + \frac{10}{19} = \frac{25}{38} + \frac{20}{38} = \frac{45}{38} = 1 \frac{7}{38}$$

$$\textcircled{2} \quad \text{a) } \frac{29}{42} + \frac{13}{21} = \frac{29}{42} + \frac{26}{42} = \frac{55}{42} = 1 \frac{13}{42}$$

$$\text{b) } \frac{2}{9} + \frac{1}{4} = \frac{8}{36} + \frac{9}{36} = \frac{17}{36}$$

$$\text{c) } \frac{14}{15} + \frac{4}{45} = \frac{42}{45} + \frac{4}{45} = \frac{46}{45} = 1 \frac{1}{45}$$

$$\text{d) } \frac{29}{33} + \frac{10}{11} = \frac{29}{33} + \frac{30}{33} = \frac{59}{33} = 1 \frac{26}{33}$$

$$\textcircled{3} \quad \text{a) } \frac{1}{13} + \frac{14}{39} = \frac{3}{39} + \frac{14}{39} = \frac{17}{39}$$

$$\text{b) } \frac{11}{21} + \frac{6}{7} = \frac{11}{21} + \frac{18}{21} = \frac{29}{21} = 1 \frac{8}{21}$$

$$\text{c) } \frac{5}{6} + \frac{20}{21} = \frac{35}{42} + \frac{40}{42} = \frac{75}{42} = 1 \frac{11}{14}$$

$$\text{d) } \frac{2}{3} + \frac{1}{36} = \frac{24}{36} + \frac{1}{36} = \frac{25}{36}$$

$$\textcircled{4} \quad \text{a) } \frac{7}{11} + \frac{7}{33} = \frac{21}{33} + \frac{7}{33} = \frac{28}{33}$$

$$\text{b) } \frac{1}{7} + \frac{4}{21} = \frac{3}{21} + \frac{4}{21} = \frac{7}{21} = \frac{1}{3}$$

$$\text{c) } \frac{25}{36} + \frac{17}{18} = \frac{25}{36} + \frac{34}{36} = \frac{59}{36} = 1 \frac{23}{36}$$

$$\text{d) } \frac{17}{44} + \frac{5}{22} = \frac{17}{44} + \frac{10}{44} = \frac{27}{44}$$

$$\textcircled{5} \quad \text{a) } \frac{7}{40} + \frac{3}{10} = \frac{7}{40} + \frac{12}{40} = \frac{19}{40}$$

$$\text{b) } \frac{9}{16} + \frac{19}{24} = \frac{27}{48} + \frac{38}{48} = \frac{65}{48} = 1 \frac{17}{48}$$

$$\text{c) } \frac{11}{17} + \frac{29}{34} = \frac{22}{34} + \frac{29}{34} = \frac{51}{34} = 1 \frac{1}{2}$$

$$\text{d) } \frac{2}{33} + \frac{9}{11} = \frac{2}{33} + \frac{27}{33} = \frac{29}{33}$$