

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

① a) $\frac{14}{15} + \frac{13}{30} =$

b) $\frac{7}{12} + \frac{19}{36} =$

c) $\frac{13}{20} + \frac{1}{6} =$

d) $\frac{5}{14} + \frac{5}{21} =$

② a) $\frac{2}{3} + \frac{7}{18} =$

b) $\frac{17}{45} + \frac{11}{15} =$

c) $\frac{3}{10} + \frac{3}{25} =$

d) $\frac{27}{40} + \frac{9}{20} =$

③ a) $\frac{13}{22} + \frac{1}{2} =$

b) $\frac{15}{34} + \frac{7}{17} =$

c) $\frac{5}{9} + \frac{16}{27} =$

d) $\frac{13}{32} + \frac{15}{16} =$

④ a) $\frac{8}{45} + \frac{7}{9} =$

b) $\frac{3}{5} + \frac{2}{15} =$

c) $\frac{5}{22} + \frac{3}{11} =$

d) $\frac{11}{42} + \frac{1}{6} =$

⑤ a) $\frac{1}{5} + \frac{4}{45} =$

b) $\frac{8}{11} + \frac{25}{44} =$

c) $\frac{19}{28} + \frac{13}{14} =$

d) $\frac{3}{13} + \frac{1}{4} =$

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$$\textcircled{1} \quad \text{a) } \frac{14}{15} + \frac{13}{30} = \frac{28}{30} + \frac{13}{30} = \frac{41}{30} = 1 \frac{11}{30}$$

$$\text{b) } \frac{7}{12} + \frac{19}{36} = \frac{21}{36} + \frac{19}{36} = \frac{40}{36} = 1 \frac{1}{9}$$

$$\text{c) } \frac{13}{20} + \frac{1}{6} = \frac{39}{60} + \frac{10}{60} = \frac{49}{60}$$

$$\text{d) } \frac{5}{14} + \frac{5}{21} = \frac{15}{42} + \frac{10}{42} = \frac{25}{42}$$

$$\textcircled{2} \quad \text{a) } \frac{2}{3} + \frac{7}{18} = \frac{12}{18} + \frac{7}{18} = \frac{19}{18} = 1 \frac{1}{18}$$

$$\text{b) } \frac{17}{45} + \frac{11}{15} = \frac{17}{45} + \frac{33}{45} = \frac{50}{45} = 1 \frac{1}{9}$$

$$\text{c) } \frac{3}{10} + \frac{3}{25} = \frac{15}{50} + \frac{6}{50} = \frac{21}{50}$$

$$\text{d) } \frac{27}{40} + \frac{9}{20} = \frac{27}{40} + \frac{18}{40} = \frac{45}{40} = 1 \frac{1}{8}$$

$$\textcircled{3} \quad \text{a) } \frac{13}{22} + \frac{1}{2} = \frac{13}{22} + \frac{11}{22} = \frac{24}{22} = 1 \frac{1}{11}$$

$$\text{b) } \frac{15}{34} + \frac{7}{17} = \frac{15}{34} + \frac{14}{34} = \frac{29}{34}$$

$$\text{c) } \frac{5}{9} + \frac{16}{27} = \frac{15}{27} + \frac{16}{27} = \frac{31}{27} = 1 \frac{4}{27}$$

$$\text{d) } \frac{13}{32} + \frac{15}{16} = \frac{13}{32} + \frac{30}{32} = \frac{43}{32} = 1 \frac{11}{32}$$

$$\textcircled{4} \quad \text{a) } \frac{8}{45} + \frac{7}{9} = \frac{8}{45} + \frac{35}{45} = \frac{43}{45}$$

$$\text{b) } \frac{3}{5} + \frac{2}{15} = \frac{9}{15} + \frac{2}{15} = \frac{11}{15}$$

$$\text{c) } \frac{5}{22} + \frac{3}{11} = \frac{5}{22} + \frac{6}{22} = \frac{11}{22} = \frac{1}{2}$$

$$\text{d) } \frac{11}{42} + \frac{1}{6} = \frac{11}{42} + \frac{7}{42} = \frac{18}{42} = \frac{3}{7}$$

$$\textcircled{5} \quad \text{a) } \frac{1}{5} + \frac{4}{45} = \frac{9}{45} + \frac{4}{45} = \frac{13}{45}$$

$$\text{b) } \frac{8}{11} + \frac{25}{44} = \frac{32}{44} + \frac{25}{44} = \frac{57}{44} = 1 \frac{13}{44}$$

$$\text{c) } \frac{19}{28} + \frac{13}{14} = \frac{19}{28} + \frac{26}{28} = \frac{45}{28} = 1 \frac{17}{28}$$

$$\text{d) } \frac{3}{13} + \frac{1}{4} = \frac{12}{52} + \frac{13}{52} = \frac{25}{52}$$