

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

① a)  $\frac{6}{11} + \frac{14}{33} =$

b)  $\frac{13}{22} + \frac{27}{44} =$

c)  $\frac{9}{19} + \frac{29}{38} =$

d)  $\frac{3}{32} + \frac{1}{8} =$

② a)  $\frac{11}{15} + \frac{11}{45} =$

b)  $\frac{9}{40} + \frac{9}{10} =$

c)  $\frac{3}{8} + \frac{19}{20} =$

d)  $\frac{1}{9} + \frac{1}{12} =$

③ a)  $\frac{23}{33} + \frac{7}{11} =$

b)  $\frac{8}{11} + \frac{15}{44} =$

c)  $\frac{9}{28} + \frac{5}{8} =$

d)  $\frac{3}{20} + \frac{4}{5} =$

④ a)  $\frac{10}{21} + \frac{9}{14} =$

b)  $\frac{22}{45} + \frac{13}{15} =$

c)  $\frac{1}{2} + \frac{3}{13} =$

d)  $\frac{29}{32} + \frac{1}{8} =$

⑤ a)  $\frac{21}{40} + \frac{11}{20} =$

b)  $\frac{24}{35} + \frac{2}{7} =$

c)  $\frac{17}{26} + \frac{5}{13} =$

d)  $\frac{4}{15} + \frac{17}{30} =$

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

- ① a)  $\frac{6}{11} + \frac{14}{33} = \frac{18}{33} + \frac{14}{33} = \frac{32}{33}$       b)  $\frac{13}{22} + \frac{27}{44} = \frac{26}{44} + \frac{27}{44} = \frac{53}{44} = 1\frac{9}{44}$
- c)  $\frac{9}{19} + \frac{29}{38} = \frac{18}{38} + \frac{29}{38} = \frac{47}{38} = 1\frac{9}{38}$       d)  $\frac{3}{32} + \frac{1}{8} = \frac{3}{32} + \frac{4}{32} = \frac{7}{32}$
- ② a)  $\frac{11}{15} + \frac{11}{45} = \frac{33}{45} + \frac{11}{45} = \frac{44}{45}$       b)  $\frac{9}{40} + \frac{9}{10} = \frac{9}{40} + \frac{36}{40} = \frac{45}{40} = 1\frac{1}{8}$
- c)  $\frac{3}{8} + \frac{19}{20} = \frac{15}{40} + \frac{38}{40} = \frac{53}{40} = 1\frac{13}{40}$       d)  $\frac{1}{9} + \frac{1}{12} = \frac{4}{36} + \frac{3}{36} = \frac{7}{36}$
- ③ a)  $\frac{23}{33} + \frac{7}{11} = \frac{23}{33} + \frac{21}{33} = \frac{44}{33} = 1\frac{1}{3}$       b)  $\frac{8}{11} + \frac{15}{44} = \frac{32}{44} + \frac{15}{44} = \frac{47}{44} = 1\frac{3}{44}$
- c)  $\frac{9}{28} + \frac{5}{8} = \frac{18}{56} + \frac{35}{56} = \frac{53}{56}$       d)  $\frac{3}{20} + \frac{4}{5} = \frac{3}{20} + \frac{16}{20} = \frac{19}{20}$
- ④ a)  $\frac{10}{21} + \frac{9}{14} = \frac{20}{42} + \frac{27}{42} = \frac{47}{42} = 1\frac{5}{42}$       b)  $\frac{22}{45} + \frac{13}{15} = \frac{22}{45} + \frac{39}{45} = \frac{61}{45} = 1\frac{16}{45}$
- c)  $\frac{1}{2} + \frac{3}{13} = \frac{13}{26} + \frac{6}{26} = \frac{19}{26}$       d)  $\frac{29}{32} + \frac{1}{8} = \frac{29}{32} + \frac{4}{32} = \frac{33}{32} = 1\frac{1}{32}$
- ⑤ a)  $\frac{21}{40} + \frac{11}{20} = \frac{21}{40} + \frac{22}{40} = \frac{43}{40} = 1\frac{3}{40}$       b)  $\frac{24}{35} + \frac{2}{7} = \frac{24}{35} + \frac{10}{35} = \frac{34}{35}$
- c)  $\frac{17}{26} + \frac{5}{13} = \frac{17}{26} + \frac{10}{26} = \frac{27}{26} = 1\frac{1}{26}$       d)  $\frac{4}{15} + \frac{17}{30} = \frac{8}{30} + \frac{17}{30} = \frac{25}{30} = \frac{5}{6}$