

**Berechne und kürze das Ergebnis so weit wie möglich.**

1. a)  $\frac{1}{5} + \frac{3}{5} =$

b)  $\frac{2}{9} + \frac{5}{9} =$

c)  $\frac{5}{12} + \frac{7}{12} = - =$

d)  $\frac{3}{8} + \frac{5}{8} = - =$

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

b)  $\frac{4}{7} + \frac{2}{7} =$

c)  $\frac{1}{6} + \frac{4}{6} =$

d)  $\frac{3}{10} + \frac{3}{10} =$

3. a)  $\frac{7}{13} + \frac{4}{13} =$

b)  $\frac{1}{2} + \frac{5}{2} =$

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

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

4. a)  $\frac{4}{11} + \frac{3}{11} =$

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

c)  $\frac{3}{20} + \frac{9}{20} =$

d)  $\frac{11}{18} + \frac{6}{18} =$

5. a)  $\frac{12}{25} + \frac{8}{25} =$

b)  $\frac{1}{10} + \frac{3}{10} =$

c)  $\frac{5}{8} + \frac{4}{8} =$

d)  $\frac{2}{7} + \frac{6}{7} =$

## Lösungen

1. a)  $\frac{1}{5} + \frac{3}{5} = \frac{1+3}{5} = \frac{4}{5}$

b)  $\frac{2}{9} + \frac{5}{9} = \frac{2+5}{9} = \frac{7}{9}$

c)  $\frac{5}{12} + \frac{7}{12} = \frac{5+7}{12} = \frac{12}{12} = 1$

d)  $\frac{3}{8} + \frac{5}{8} = \frac{3+5}{8} = \frac{8}{8} = 1$

2. a)  $\frac{11}{15} + \frac{2}{15} = \frac{11+2}{15} = \frac{13}{15}$

b)  $\frac{4}{7} + \frac{2}{7} = \frac{4+2}{7} = \frac{6}{7}$

c)  $\frac{1}{6} + \frac{4}{6} = \frac{1+4}{6} = \frac{5}{6}$

d)  $\frac{3}{10} + \frac{3}{10} = \frac{3+3}{10} = \frac{6}{10} = \frac{3}{5}$

3. a)  $\frac{7}{13} + \frac{4}{13} = \frac{7+4}{13} = \frac{11}{13}$

b)  $\frac{1}{2} + \frac{5}{2} = \frac{1+5}{2} = \frac{6}{2} = 3$

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

d)  $\frac{3}{4} + \frac{5}{4} = \frac{3+5}{4} = \frac{8}{4} = 2$

4. a)  $\frac{4}{11} + \frac{3}{11} = \frac{4+3}{11} = \frac{7}{11}$

b)  $\frac{1}{3} + \frac{4}{3} = \frac{1+4}{3} = \frac{5}{3} = 1\frac{2}{3}$

c)  $\frac{3}{20} + \frac{9}{20} = \frac{3+9}{20} = \frac{12}{20} = \frac{3}{5}$

d)  $\frac{11}{18} + \frac{6}{18} = \frac{11+6}{18} = \frac{17}{18}$

5. a)  $\frac{12}{25} + \frac{8}{25} = \frac{12+8}{25} = \frac{20}{25} = \frac{4}{5}$

b)  $\frac{1}{10} + \frac{3}{10} = \frac{1+3}{10} = \frac{4}{10} = \frac{2}{5}$

c)  $\frac{5}{8} + \frac{4}{8} = \frac{5+4}{8} = \frac{9}{8} = 1\frac{1}{8}$

d)  $\frac{2}{7} + \frac{6}{7} = \frac{2+6}{7} = \frac{8}{7} = 1\frac{1}{7}$