

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a)  $\frac{7}{8} - \frac{9}{32} =$

b)  $\frac{4}{9} - \frac{11}{45} =$

c)  $\frac{3}{7} - \frac{8}{21} =$

d)  $\frac{20}{39} - \frac{4}{13} =$

② a)  $\frac{5}{12} - \frac{1}{36} =$

b)  $\frac{22}{27} - \frac{5}{18} =$

c)  $\frac{24}{25} - \frac{1}{2} =$

d)  $\frac{14}{15} - \frac{17}{20} =$

③ a)  $\frac{29}{38} - \frac{2}{19} =$

b)  $\frac{11}{14} - \frac{2}{7} =$

c)  $\frac{6}{7} - \frac{11}{42} =$

d)  $\frac{9}{20} - \frac{13}{40} =$

④ a)  $\frac{13}{18} - \frac{13}{36} =$

b)  $\frac{11}{19} - \frac{17}{38} =$

c)  $\frac{1}{2} - \frac{5}{18} =$

d)  $\frac{14}{15} - \frac{29}{45} =$

⑤ a)  $\frac{23}{38} - \frac{8}{19} =$

b)  $\frac{17}{18} - \frac{2}{27} =$

c)  $\frac{2}{21} - \frac{1}{42} =$

d)  $\frac{11}{27} - \frac{1}{6} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{7}{8} - \frac{9}{32} = \frac{28}{32} - \frac{9}{32} = \frac{19}{32}$$

$$\text{b) } \frac{4}{9} - \frac{11}{45} = \frac{20}{45} - \frac{11}{45} = \frac{9}{45} = \frac{1}{5}$$

$$\text{c) } \frac{3}{7} - \frac{8}{21} = \frac{9}{21} - \frac{8}{21} = \frac{1}{21}$$

$$\text{d) } \frac{20}{39} - \frac{4}{13} = \frac{20}{39} - \frac{12}{39} = \frac{8}{39}$$

$$\textcircled{2} \quad \text{a) } \frac{5}{12} - \frac{1}{36} = \frac{15}{36} - \frac{1}{36} = \frac{14}{36} = \frac{7}{18}$$

$$\text{b) } \frac{22}{27} - \frac{5}{18} = \frac{44}{54} - \frac{15}{54} = \frac{29}{54}$$

$$\text{c) } \frac{24}{25} - \frac{1}{2} = \frac{48}{50} - \frac{25}{50} = \frac{23}{50}$$

$$\text{d) } \frac{14}{15} - \frac{17}{20} = \frac{56}{60} - \frac{51}{60} = \frac{5}{60} = \frac{1}{12}$$

$$\textcircled{3} \quad \text{a) } \frac{29}{38} - \frac{2}{19} = \frac{29}{38} - \frac{4}{38} = \frac{25}{38}$$

$$\text{b) } \frac{11}{14} - \frac{2}{7} = \frac{11}{14} - \frac{4}{14} = \frac{7}{14} = \frac{1}{2}$$

$$\text{c) } \frac{6}{7} - \frac{11}{42} = \frac{36}{42} - \frac{11}{42} = \frac{25}{42}$$

$$\text{d) } \frac{9}{20} - \frac{13}{40} = \frac{18}{40} - \frac{13}{40} = \frac{5}{40} = \frac{1}{8}$$

$$\textcircled{4} \quad \text{a) } \frac{13}{18} - \frac{13}{36} = \frac{26}{36} - \frac{13}{36} = \frac{13}{36}$$

$$\text{b) } \frac{11}{19} - \frac{17}{38} = \frac{22}{38} - \frac{17}{38} = \frac{5}{38}$$

$$\text{c) } \frac{1}{2} - \frac{5}{18} = \frac{9}{18} - \frac{5}{18} = \frac{4}{18} = \frac{2}{9}$$

$$\text{d) } \frac{14}{15} - \frac{29}{45} = \frac{42}{45} - \frac{29}{45} = \frac{13}{45}$$

$$\textcircled{5} \quad \text{a) } \frac{23}{38} - \frac{8}{19} = \frac{23}{38} - \frac{16}{38} = \frac{7}{38}$$

$$\text{b) } \frac{17}{18} - \frac{2}{27} = \frac{51}{54} - \frac{4}{54} = \frac{47}{54}$$

$$\text{c) } \frac{2}{21} - \frac{1}{42} = \frac{4}{42} - \frac{1}{42} = \frac{3}{42} = \frac{1}{14}$$

$$\text{d) } \frac{11}{27} - \frac{1}{6} = \frac{22}{54} - \frac{9}{54} = \frac{13}{54}$$