

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a)  $\frac{5}{11} - \frac{7}{33} =$

b)  $\frac{10}{33} - \frac{2}{11} =$

c)  $\frac{15}{28} - \frac{1}{4} =$

d)  $\frac{27}{34} - \frac{9}{17} =$

② a)  $\frac{25}{36} - \frac{11}{18} =$

b)  $\frac{17}{18} - \frac{11}{12} =$

c)  $\frac{3}{4} - \frac{5}{18} =$

d)  $\frac{1}{3} - \frac{5}{24} =$

③ a)  $\frac{8}{11} - \frac{3}{44} =$

b)  $\frac{24}{25} - \frac{7}{10} =$

c)  $\frac{14}{19} - \frac{15}{38} =$

d)  $\frac{14}{15} - \frac{19}{30} =$

④ a)  $\frac{29}{44} - \frac{1}{2} =$

b)  $\frac{17}{20} - \frac{7}{12} =$

c)  $\frac{3}{7} - \frac{4}{35} =$

d)  $\frac{2}{9} - \frac{1}{45} =$

⑤ a)  $\frac{16}{21} - \frac{3}{14} =$

b)  $\frac{5}{7} - \frac{4}{35} =$

c)  $\frac{10}{27} - \frac{2}{9} =$

d)  $\frac{13}{16} - \frac{9}{32} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{5}{11} - \frac{7}{33} = \frac{15}{33} - \frac{7}{33} = \frac{8}{33}$$

$$\text{b) } \frac{10}{33} - \frac{2}{11} = \frac{10}{33} - \frac{6}{33} = \frac{4}{33}$$

$$\text{c) } \frac{15}{28} - \frac{1}{4} = \frac{15}{28} - \frac{7}{28} = \frac{8}{28} = \frac{2}{7}$$

$$\text{d) } \frac{27}{34} - \frac{9}{17} = \frac{27}{34} - \frac{18}{34} = \frac{9}{34}$$

$$\textcircled{2} \quad \text{a) } \frac{25}{36} - \frac{11}{18} = \frac{25}{36} - \frac{22}{36} = \frac{3}{36} = \frac{1}{12}$$

$$\text{b) } \frac{17}{18} - \frac{11}{12} = \frac{34}{36} - \frac{33}{36} = \frac{1}{36}$$

$$\text{c) } \frac{3}{4} - \frac{5}{18} = \frac{27}{36} - \frac{10}{36} = \frac{17}{36}$$

$$\text{d) } \frac{1}{3} - \frac{5}{24} = \frac{8}{24} - \frac{5}{24} = \frac{3}{24} = \frac{1}{8}$$

$$\textcircled{3} \quad \text{a) } \frac{8}{11} - \frac{3}{44} = \frac{32}{44} - \frac{3}{44} = \frac{29}{44}$$

$$\text{b) } \frac{24}{25} - \frac{7}{10} = \frac{48}{50} - \frac{35}{50} = \frac{13}{50}$$

$$\text{c) } \frac{14}{19} - \frac{15}{38} = \frac{28}{38} - \frac{15}{38} = \frac{13}{38}$$

$$\text{d) } \frac{14}{15} - \frac{19}{30} = \frac{28}{30} - \frac{19}{30} = \frac{9}{30} = \frac{3}{10}$$

$$\textcircled{4} \quad \text{a) } \frac{29}{44} - \frac{1}{2} = \frac{29}{44} - \frac{22}{44} = \frac{7}{44}$$

$$\text{b) } \frac{17}{20} - \frac{7}{12} = \frac{51}{60} - \frac{35}{60} = \frac{16}{60} = \frac{4}{15}$$

$$\text{c) } \frac{3}{7} - \frac{4}{35} = \frac{15}{35} - \frac{4}{35} = \frac{11}{35}$$

$$\text{d) } \frac{2}{9} - \frac{1}{45} = \frac{10}{45} - \frac{1}{45} = \frac{9}{45} = \frac{1}{5}$$

$$\textcircled{5} \quad \text{a) } \frac{16}{21} - \frac{3}{14} = \frac{32}{42} - \frac{9}{42} = \frac{23}{42}$$

$$\text{b) } \frac{5}{7} - \frac{4}{35} = \frac{25}{35} - \frac{4}{35} = \frac{21}{35} = \frac{3}{5}$$

$$\text{c) } \frac{10}{27} - \frac{2}{9} = \frac{10}{27} - \frac{6}{27} = \frac{4}{27}$$

$$\text{d) } \frac{13}{16} - \frac{9}{32} = \frac{26}{32} - \frac{9}{32} = \frac{17}{32}$$