

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{10}{11} - \frac{28}{33} =$

b) $\frac{7}{9} - \frac{25}{36} =$

c) $\frac{9}{16} - \frac{17}{32} =$

d) $\frac{13}{24} - \frac{1}{8} =$

② a) $\frac{15}{22} - \frac{21}{44} =$

b) $\frac{13}{18} - \frac{4}{9} =$

c) $\frac{29}{45} - \frac{2}{5} =$

d) $\frac{5}{6} - \frac{11}{18} =$

③ a) $\frac{26}{27} - \frac{5}{6} =$

b) $\frac{23}{24} - \frac{15}{16} =$

c) $\frac{1}{3} - \frac{2}{15} =$

d) $\frac{25}{38} - \frac{6}{19} =$

④ a) $\frac{13}{14} - \frac{13}{28} =$

b) $\frac{11}{15} - \frac{23}{45} =$

c) $\frac{12}{17} - \frac{19}{34} =$

d) $\frac{25}{26} - \frac{12}{13} =$

⑤ a) $\frac{7}{12} - \frac{19}{36} =$

b) $\frac{1}{2} - \frac{7}{19} =$

c) $\frac{5}{12} - \frac{5}{16} =$

d) $\frac{26}{35} - \frac{3}{5} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{10}{11} - \frac{28}{33} = \frac{30}{33} - \frac{28}{33} = \frac{2}{33}$$

$$\text{b) } \frac{7}{9} - \frac{25}{36} = \frac{28}{36} - \frac{25}{36} = \frac{3}{36} = \frac{1}{12}$$

$$\text{c) } \frac{9}{16} - \frac{17}{32} = \frac{18}{32} - \frac{17}{32} = \frac{1}{32}$$

$$\text{d) } \frac{13}{24} - \frac{1}{8} = \frac{13}{24} - \frac{3}{24} = \frac{10}{24} = \frac{5}{12}$$

$$\textcircled{2} \quad \text{a) } \frac{15}{22} - \frac{21}{44} = \frac{30}{44} - \frac{21}{44} = \frac{9}{44}$$

$$\text{b) } \frac{13}{18} - \frac{4}{9} = \frac{13}{18} - \frac{8}{18} = \frac{5}{18}$$

$$\text{c) } \frac{29}{45} - \frac{2}{5} = \frac{29}{45} - \frac{18}{45} = \frac{11}{45}$$

$$\text{d) } \frac{5}{6} - \frac{11}{18} = \frac{15}{18} - \frac{11}{18} = \frac{4}{18} = \frac{2}{9}$$

$$\textcircled{3} \quad \text{a) } \frac{26}{27} - \frac{5}{6} = \frac{52}{54} - \frac{45}{54} = \frac{7}{54}$$

$$\text{b) } \frac{23}{24} - \frac{15}{16} = \frac{46}{48} - \frac{45}{48} = \frac{1}{48}$$

$$\text{c) } \frac{1}{3} - \frac{2}{15} = \frac{5}{15} - \frac{2}{15} = \frac{3}{15} = \frac{1}{5}$$

$$\text{d) } \frac{25}{38} - \frac{6}{19} = \frac{25}{38} - \frac{12}{38} = \frac{13}{38}$$

$$\textcircled{4} \quad \text{a) } \frac{13}{14} - \frac{13}{28} = \frac{26}{28} - \frac{13}{28} = \frac{13}{28}$$

$$\text{b) } \frac{11}{15} - \frac{23}{45} = \frac{33}{45} - \frac{23}{45} = \frac{10}{45} = \frac{2}{9}$$

$$\text{c) } \frac{12}{17} - \frac{19}{34} = \frac{24}{34} - \frac{19}{34} = \frac{5}{34}$$

$$\text{d) } \frac{25}{26} - \frac{12}{13} = \frac{25}{26} - \frac{24}{26} = \frac{1}{26}$$

$$\textcircled{5} \quad \text{a) } \frac{7}{12} - \frac{19}{36} = \frac{21}{36} - \frac{19}{36} = \frac{2}{36} = \frac{1}{18}$$

$$\text{b) } \frac{1}{2} - \frac{7}{19} = \frac{19}{38} - \frac{14}{38} = \frac{5}{38}$$

$$\text{c) } \frac{5}{12} - \frac{5}{16} = \frac{20}{48} - \frac{15}{48} = \frac{5}{48}$$

$$\text{d) } \frac{26}{35} - \frac{3}{5} = \frac{26}{35} - \frac{21}{35} = \frac{5}{35} = \frac{1}{7}$$