

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{3}{5} - \frac{4}{15} =$

b) $\frac{29}{36} - \frac{2}{3} =$

c) $\frac{7}{13} - \frac{19}{39} =$

d) $\frac{4}{7} - \frac{8}{35} =$

② a) $\frac{6}{11} - \frac{7}{33} =$

b) $\frac{17}{32} - \frac{1}{16} =$

c) $\frac{13}{20} - \frac{21}{40} =$

d) $\frac{9}{10} - \frac{4}{15} =$

③ a) $\frac{22}{27} - \frac{11}{18} =$

b) $\frac{11}{12} - \frac{1}{36} =$

c) $\frac{19}{40} - \frac{3}{20} =$

d) $\frac{1}{3} - \frac{10}{33} =$

④ a) $\frac{8}{9} - \frac{1}{18} =$

b) $\frac{3}{4} - \frac{21}{40} =$

c) $\frac{6}{7} - \frac{23}{42} =$

d) $\frac{1}{3} - \frac{11}{42} =$

⑤ a) $\frac{17}{26} - \frac{4}{13} =$

b) $\frac{13}{32} - \frac{5}{16} =$

c) $\frac{5}{12} - \frac{2}{15} =$

d) $\frac{27}{28} - \frac{5}{7} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{3}{5} - \frac{4}{15} = \frac{9}{15} - \frac{4}{15} = \frac{5}{15} = \frac{1}{3}$$

$$\text{b) } \frac{29}{36} - \frac{2}{3} = \frac{29}{36} - \frac{24}{36} = \frac{5}{36}$$

$$\text{c) } \frac{7}{13} - \frac{19}{39} = \frac{21}{39} - \frac{19}{39} = \frac{2}{39}$$

$$\text{d) } \frac{4}{7} - \frac{8}{35} = \frac{20}{35} - \frac{8}{35} = \frac{12}{35}$$

$$\textcircled{2} \quad \text{a) } \frac{6}{11} - \frac{7}{33} = \frac{18}{33} - \frac{7}{33} = \frac{11}{33} = \frac{1}{3}$$

$$\text{b) } \frac{17}{32} - \frac{1}{16} = \frac{17}{32} - \frac{2}{32} = \frac{15}{32}$$

$$\text{c) } \frac{13}{20} - \frac{21}{40} = \frac{26}{40} - \frac{21}{40} = \frac{5}{40} = \frac{1}{8}$$

$$\text{d) } \frac{9}{10} - \frac{4}{15} = \frac{27}{30} - \frac{8}{30} = \frac{19}{30}$$

$$\textcircled{3} \quad \text{a) } \frac{22}{27} - \frac{11}{18} = \frac{44}{54} - \frac{33}{54} = \frac{11}{54}$$

$$\text{b) } \frac{11}{12} - \frac{1}{36} = \frac{33}{36} - \frac{1}{36} = \frac{32}{36} = \frac{8}{9}$$

$$\text{c) } \frac{19}{40} - \frac{3}{20} = \frac{19}{40} - \frac{6}{40} = \frac{13}{40}$$

$$\text{d) } \frac{1}{3} - \frac{10}{33} = \frac{11}{33} - \frac{10}{33} = \frac{1}{33}$$

$$\textcircled{4} \quad \text{a) } \frac{8}{9} - \frac{1}{18} = \frac{16}{18} - \frac{1}{18} = \frac{15}{18} = \frac{5}{6}$$

$$\text{b) } \frac{3}{4} - \frac{21}{40} = \frac{30}{40} - \frac{21}{40} = \frac{9}{40}$$

$$\text{c) } \frac{6}{7} - \frac{23}{42} = \frac{36}{42} - \frac{23}{42} = \frac{13}{42}$$

$$\text{d) } \frac{1}{3} - \frac{11}{42} = \frac{14}{42} - \frac{11}{42} = \frac{3}{42} = \frac{1}{14}$$

$$\textcircled{5} \quad \text{a) } \frac{17}{26} - \frac{4}{13} = \frac{17}{26} - \frac{8}{26} = \frac{9}{26}$$

$$\text{b) } \frac{13}{32} - \frac{5}{16} = \frac{13}{32} - \frac{10}{32} = \frac{3}{32}$$

$$\text{c) } \frac{5}{12} - \frac{2}{15} = \frac{25}{60} - \frac{8}{60} = \frac{17}{60}$$

$$\text{d) } \frac{27}{28} - \frac{5}{7} = \frac{27}{28} - \frac{20}{28} = \frac{7}{28} = \frac{1}{4}$$