

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{21}{38} - \frac{4}{19} =$

b) $\frac{7}{8} - \frac{7}{32} =$

c) $\frac{5}{18} - \frac{7}{36} =$

d) $\frac{18}{19} - \frac{27}{38} =$

② a) $\frac{3}{5} - \frac{6}{35} =$

b) $\frac{25}{44} - \frac{6}{11} =$

c) $\frac{3}{4} - \frac{5}{9} =$

d) $\frac{1}{4} - \frac{1}{28} =$

③ a) $\frac{1}{2} - \frac{9}{40} =$

b) $\frac{6}{7} - \frac{1}{35} =$

c) $\frac{14}{15} - \frac{13}{20} =$

d) $\frac{11}{15} - \frac{13}{45} =$

④ a) $\frac{17}{20} - \frac{3}{8} =$

b) $\frac{21}{44} - \frac{5}{22} =$

c) $\frac{5}{12} - \frac{5}{24} =$

d) $\frac{29}{30} - \frac{3}{10} =$

⑤ a) $\frac{2}{3} - \frac{28}{45} =$

b) $\frac{20}{21} - \frac{11}{14} =$

c) $\frac{17}{21} - \frac{29}{42} =$

d) $\frac{5}{34} - \frac{2}{17} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{21}{38} - \frac{4}{19} = \frac{21}{38} - \frac{8}{38} = \frac{13}{38}$$

$$\text{b) } \frac{7}{8} - \frac{7}{32} = \frac{28}{32} - \frac{7}{32} = \frac{21}{32}$$

$$\text{c) } \frac{5}{18} - \frac{7}{36} = \frac{10}{36} - \frac{7}{36} = \frac{3}{36} = \frac{1}{12}$$

$$\text{d) } \frac{18}{19} - \frac{27}{38} = \frac{36}{38} - \frac{27}{38} = \frac{9}{38}$$

$$\textcircled{2} \quad \text{a) } \frac{3}{5} - \frac{6}{35} = \frac{21}{35} - \frac{6}{35} = \frac{15}{35} = \frac{3}{7}$$

$$\text{b) } \frac{25}{44} - \frac{6}{11} = \frac{25}{44} - \frac{24}{44} = \frac{1}{44}$$

$$\text{c) } \frac{3}{4} - \frac{5}{9} = \frac{27}{36} - \frac{20}{36} = \frac{7}{36}$$

$$\text{d) } \frac{1}{4} - \frac{1}{28} = \frac{7}{28} - \frac{1}{28} = \frac{6}{28} = \frac{3}{14}$$

$$\textcircled{3} \quad \text{a) } \frac{1}{2} - \frac{9}{40} = \frac{20}{40} - \frac{9}{40} = \frac{11}{40}$$

$$\text{b) } \frac{6}{7} - \frac{1}{35} = \frac{30}{35} - \frac{1}{35} = \frac{29}{35}$$

$$\text{c) } \frac{14}{15} - \frac{13}{20} = \frac{56}{60} - \frac{39}{60} = \frac{17}{60}$$

$$\text{d) } \frac{11}{15} - \frac{13}{45} = \frac{33}{45} - \frac{13}{45} = \frac{20}{45} = \frac{4}{9}$$

$$\textcircled{4} \quad \text{a) } \frac{17}{20} - \frac{3}{8} = \frac{34}{40} - \frac{15}{40} = \frac{19}{40}$$

$$\text{b) } \frac{21}{44} - \frac{5}{22} = \frac{21}{44} - \frac{10}{44} = \frac{11}{44} = \frac{1}{4}$$

$$\text{c) } \frac{5}{12} - \frac{5}{24} = \frac{10}{24} - \frac{5}{24} = \frac{5}{24}$$

$$\text{d) } \frac{29}{30} - \frac{3}{10} = \frac{29}{30} - \frac{9}{30} = \frac{20}{30} = \frac{2}{3}$$

$$\textcircled{5} \quad \text{a) } \frac{2}{3} - \frac{28}{45} = \frac{30}{45} - \frac{28}{45} = \frac{2}{45}$$

$$\text{b) } \frac{20}{21} - \frac{11}{14} = \frac{40}{42} - \frac{33}{42} = \frac{7}{42} = \frac{1}{6}$$

$$\text{c) } \frac{17}{21} - \frac{29}{42} = \frac{34}{42} - \frac{29}{42} = \frac{5}{42}$$

$$\text{d) } \frac{5}{34} - \frac{2}{17} = \frac{5}{34} - \frac{4}{34} = \frac{1}{34}$$