

5. Subtract the sum of $\frac{-2}{7}$ and $\frac{3}{14}$ from the sum of $\frac{11}{14}$ and $\frac{15}{42}$.
6. The sum of two rational numbers is $\frac{-7}{13}$. If one of the numbers is $\frac{-5}{39}$, find the other number.
7. What should be added to $\left(\frac{-3}{5} + \frac{-5}{3}\right)$ to get 1?
8. What should be subtracted from $\frac{-2}{5}$ to get $\frac{11}{35}$?
9. What should be subtracted from $\left(\frac{-5}{18} + \frac{5}{12}\right)$ to get $\frac{-11}{72}$?
10. The sum of two rational numbers is $\frac{3}{2}$. If one of the numbers is $\frac{9}{10}$, find the other number.