6.3 Solve Linear Systems Using Elimination

## The idea behind this method is that we want to **ELIMINATE** one of the variables.

## When do terms cancel??

When their coefficients are opposites!





## Solve each linear system.





Write and solve a system of equations. x = Roger's age 8. Roger is older than Ken. y = Ken's age The difference of their ages is 12 and the sum of their ages is 50. Find the age of each.