2.1.3 Complement

When given two sets, the **compliment** is the set that contains all the elements that are in one set, but not the other.



In the above picture the shaded region represents X complement Y. It contains all the elements that are X and not in Y.

This can be written as X-Y.

2.1.4 Putting Things Together

These sets can be combined to make more complex equations. They can easily be solved by breaking the equation down into smaller parts



