# Objects First Questions, Chapter 5, Part 2

**Maps, HashMap Class**

What is a map?

A guidance of the topography area

Create a MapTester class as in exercise 5.25 with two methods: enterNumber and lookupNumber

What happens if you add an entry to a map with a key that already exists in the map?

OverWrites it

What happens when you add an entry to a map with a value that already exists in the map?

Nothing

How do you check if a given key is contained in a map? (Give a Java code example.)

Mp.containsKey(“I Know this”);

What happens when you try to look up a value, and the key does not exist in the map?

null

How do you check how many entries are contained in a map?

Mp.size();

**Sets, HashSet**

Describe how each is the same and different:

HashSet- Is 2 set that are linked together with a key and values

ArrayList- is a list of a set of variables

**Split Method**

How does the split method divide a String?

It splits it by the delimeter

What is the difference between saving the words in a HashSet versus an ArrayList?

One can have a value to it and the other one had just the set

What happens if there is more than one space between words?

It dependes on the delimeter you use + || \*