**Maths for Regular expressions worksheet**

1. What is a Set?
2. What is the cardinality of the set: ?
3. Define a set Q consisting all the odd numbers between 1 and 9.
4. What is the cartesian product of and ?
5. What set would the following set produce: ?
6. What set would the following list comprehension produce: ?
7. If and what is
8. if and find C where
9. What is the intersection of and ?
10. What is the difference of and Y