Statistics and Probability Revision 4		
(a)	(b)	(c)
The table shows the probability of a child having different coloured eyes.BlueBrownGreenGrey0.150.37The probability of having green eyes is three times the probability of having grey eyes. Complete the table.	Seher has a biased six-sided dice. When rolled, the probability of the dice landing on a four is 0.35. Seher is going to roll the dice 500 times. Work out an estimate of the number of times it will land on a four.	The Venn diagram shows the numbers in each of the sets C and D and the universal set. (i) List the members of $C \cup D$ (ii) List the members of C' (iii) List the members of C' (iii) List the members of $C \cap D$
(d)	(e)	(f)
Six numbers 4 x x 9 11 y are written in order of size. The numbers have a median of 7.5 and a mean of 8. Find the values of x and y.	A bag contains red, white and black counters. There are x red counters, $2x$ white counters and 6 black counters. When a counter is picked at random from the bag, the probability that it is a black counter is $\frac{1}{5}$. Find the value of x .	Class 7A has 20 students and class 7B has 24 students. Both classes sat a History test. The mean score in 7A was 70.2 and the mean score in 7B was 73.25. Find the mean test score acro both classes, giving your answer correct to 1 decimal place.