1.	A bag contains 12 blue and 8 green counters.  A counter is chosen at random.											
	(a)	Find	the pro	bability th	nat the	counter c	chosen	is red.	Answer			
	(b)			bability th			n. Answer					
	(c)	c) 10 yellow counters are added to the bag.										
	Calc	Calculate the probability that a counter chosen at random is green or yellow.										
									Answer			
2.	The stem and leaf diagram shows the test scores of some pupils.											
		0 1 2 3 4	9 0 0 2 3	2 3 7	2 3	6 5	7 6	8	Key:   4   3 means a score of 43			
	(a)	Wha	ıt was tl	ne lowest s	score?				Answer			
	(b)	Wha	ıt was tl	ne median	score	?			Answer			
	An e	An extra pupil takes the test and scores 29.										
	(c)	Add	this sco	ore to the	stem aı	nd leaf di	agram	and fin	d the new median score.			
									Answer			
3.	(a)	He tl	nrows th	s a dice w ne dice 30 are shown	0 time	s.	nd 1 green face.					
				Red		Blue	Gı	reen				
				153		98	4	49				
	(i) What is the relative frequency of throwing a red? Answer											
	(ii) Is the dice fair? Explain your answer.											
	(b)	(b) Emmie has a dice with 4 red faces and 2 blue faces. She throws the dice 10 times and gets 2 reds. Emmie says the dice is <b>not</b> fair. Explain why Emmie could be wrong.										

**4.** The number of goals scored in 15 hockey matches is shown in the table.

Number of goals	Number of matches
1	2
3	1
5	5
6	3
9	4

Calculate th	ne mean number of goals scored.
	Answer goal
Dan and Do	oris are doing a survey on the type of music people buy.
(a) This	is one question from Dan's survey.
	Classical music is just for snobbish people.  Don't you agree?  Tick (✓) a box.
	Strongly agree Agree Don't know
Give	two criticisms of Dan's question.
Critic	cism 1
Critic	zism 2
(b)	This is a question from Doris' survey.
	Do you buy CDs? Yes No
	If yes, how many CDs do you buy on average each month?
	2 or less 3 or 4 5 or 6 More than 6
Give	two reasons why this is a good question.
Reas	on 1
Rease	on 2

5.