		A bag contains 12 blue and 8 green counters. 20 counters 4.	The number of goals scored in 15 hockey matches is shown in the table.
	1.	A bag contains 12 blue and 8 green counters. A counter is chosen at random.	Number of goals Number of matches goals y Note - es
No	RED!	(a) Find the probability that the counter chosen is red. Answer	1 2 1×2 = 2
,		(b) Find the probability that the counter chosen is green. Give your answer as a fraction in its lowest terms. Answer Answer	Number of goals Number of matches Number of goals Number of matches $2 \times 1 \times 2 = 2$ $3 \times 1 = 3$ $5 \times 5 = 25$
		(c) 10 yellow counters are added to the bag.	6 3 6 43 = 18
		Calculate the probability that a counter chosen at random is green or yellow.	9 4 974=36
		8 green, 10 yellow, 30 compers.	Calculate the mean number of goals scored. 5 84 goals at togeth
		18 yellows or green Answer 18 = 9:3 The stem and leaf discress shows the test scores of some punits	8 4 4 100 (ES VV - 3 1 V CO VV C)
	2.	The stem and leaf diagram shows the test scores of some pupils.	Answer 5-6 goals
		Key: 4 3 means	Answer goals
		1 0 9 a score of 43 5.	Dan and Doris are doing a survey on the type of music people buy.
		$\begin{bmatrix} 1 \\ 2 \\ 3 \end{bmatrix} \begin{bmatrix} 0 \\ 2 \\ 3 \end{bmatrix} \begin{bmatrix} 2 \\ 3 \\ 7 \end{bmatrix} \begin{bmatrix} 2 \\ 6 \\ 5 \end{bmatrix} \begin{bmatrix} 6 \\ 7 \\ 6 \end{bmatrix} \begin{bmatrix} 8 \\ 9 \end{bmatrix}$ 5.	(a) This is one question from Dan's survey.
		1413	Classical music is just for snobbish people.
		(a) What was the lowest score? Answer	Don't you agree? Tick (✔) a box,
		(b) What was the median score? 13 300 3 Answer	Strongly agree Agree Don't know
		An extra pupil takes the test and scores 29.	
		(c) Add this score to the stem and leaf diagram and find the new median score. NOW 16 5 COP(1) > Answer between 20 and 23	Give two criticisms of Dan's question. Criticism 1 Leading question - Helling
		P.M. (DUT	You what to Think.
	3.	(a) Matthew has a dice with 3 red faces, 2 blue faces and 1 green face.	
		He throws the dice 300 times. The results are shown in the table. RELATIVE FREQUENCY	Criticism 2 No chisagree option
	3 =	I red Red Blue Green is probability for that	
	6	2 Grant D	(b) This is a question from Doris' survey.
	2 =	153 98 49 WESTON 153	Do you buy CDs? Yes No
	3) (a Nio-to	Laren What is the relative frequency of throwing a red? Answer	If yes, how many CDs do you buy on average each month?
	6	(ii) Is the dice fair? Explain your answe.	2 or less 3 or 4 5 or 6 More than 6
	You	work expect 150 red, 100 blue, 50 green.	Give two reasons why this is a good question.
	,	(b) Emmie has a dice with 4 red faces and 2 blue faces. > Yes, 17 looks four	Reason 1 10ts of options
		She throws the dicc 10 times and gets 2 reds.	
		Emmie says the dice is not fair. Explain why Emmie could be wrong.	Reason 2 No overlap in categories.
		Explain why Emmie could be wrong. 10 times is nut enough een elizabe turows to say anything about the results.	NAME OF THE PARTY
		10 11 mos 10 author amount	
	que	Ben elizabe TWOWS to Say any my ming own	een elizabeth high school 2
		the MSINITS.	
		CNIC ICANICIS.	