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Deon takes 2 chocolates from the box. P=plain M=	milk w=white
(b) Write down all the possible combinations of types of chocolates the	at Deon can take.
PP, PM, PW, MM, MW, WW	
	(2) (Total for question = 4 marks)
Q6. NON-CALCULATOR	
There are only 9 counters in a bag. There are	
2 red counters 3 green counters 4 blue counters	
Lethna takes at random a counter from the bag.	
(a) Write down the probability that she takes	
(i) a blue counter, $P(blue) = \frac{blue}{total}$	4
	(1)
(ii) a white counter. $P(white = white + total)$	
1 5741	(1)
There are <u>only 3</u> buttons in a box. There is	(1) (1) (1)
1 pink button P 1 yellow button Y 1 brown button B	÷ CO·UK
Indre takes a button from the box. She also throws an ordinary dice once.	
(b) List all the possible outcomes.	
P1 P2 P3 P4 P5 P6	
<u>YI YZ YZ Y4 Y5 Y6</u>	
BI BZ B3 B4 B5 B6	
	(2)
	(Total for question = 4 marks)

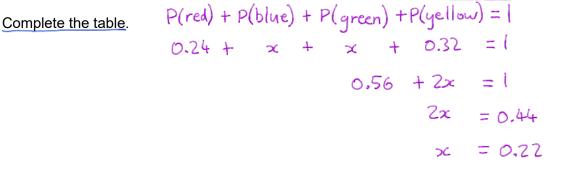
## **Q7. NON-CALCULATOR**

There are only red counters, blue counters, green counters and yellow counters in a bag.

The table shows the probabilities of picking at random a red counter and picking at random a yellow counter.

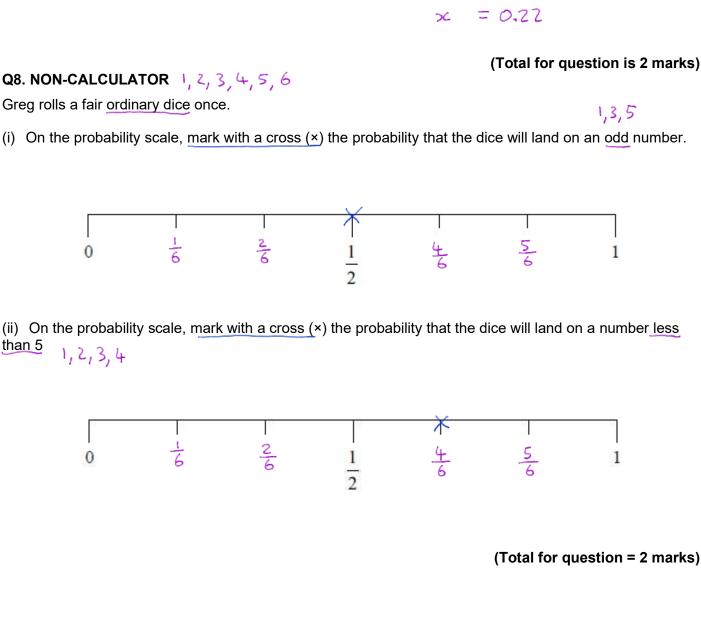
Colour	red	blue ~	green ∞	yellow
Probability	0.24	0.22	0.22	0.32

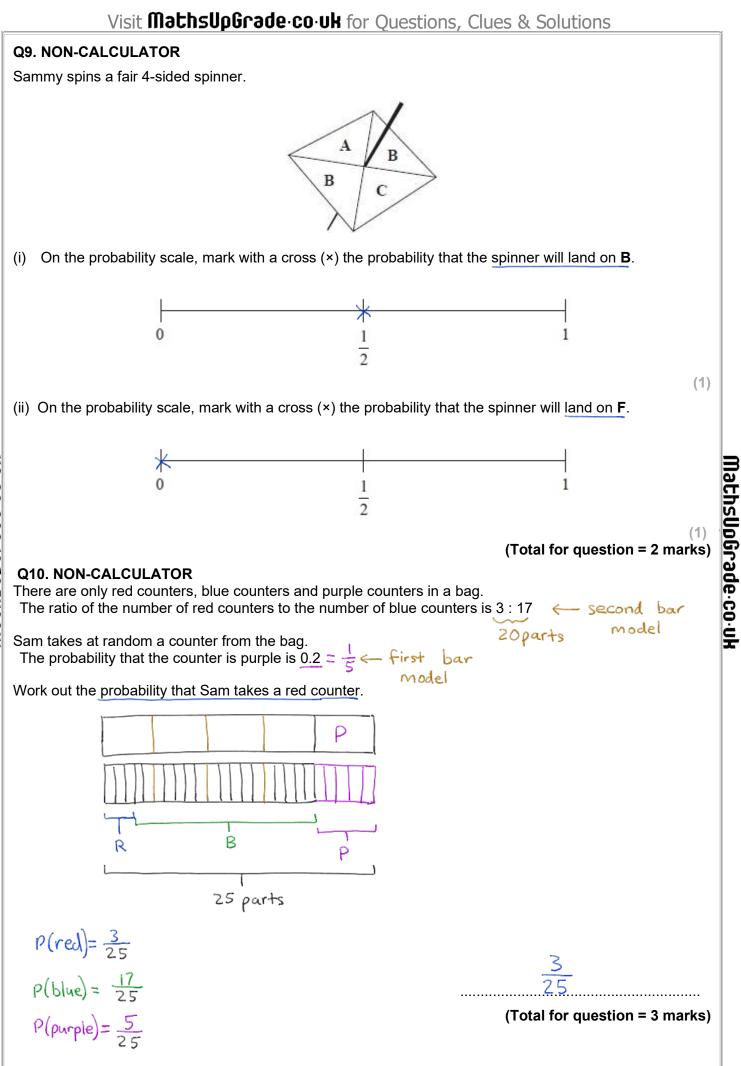
The probability of picking a blue counter is the same as the probability of picking a green counter.



(Total for question is 2 marks)

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