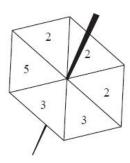
Foundation Questions - Probability Scales

Questions

Q1.

Meela has a fair 6-sided spinner. The sides of the spinner are numbered 2, 2, 2, 3, 3, 5



Meel	a spins the spinn	er once.					
(a)	Which number is	s the spinner le	ast likely to la	ind on?			
(-)			, , , , , , , , , , , , , , , , , , ,				
							(1)
(b) on 2	From the followi	ng list, choose t	the word that	best describ	es the likeli	hood that the spi	nner will land
		impossible	unlikely	evens	likely	certain	
							(1)
(c)	Write down the	probability that t	the spinner wi	III land on 3			
							(2)
							(2)

(Total for Question is 4 marks)

There are six counte Three counters are r	•	s are green and	d one coun	ter is blue		
	R	\bigcirc R \bigcirc R	G	G	В	
Nick takes at randon	n a counter from	the bag.				
(a) Circle the word t	hat best describe	es the likelihoo	d that Nick	takes a b	lue counter.	
	impossible	unlikely	even	likely	certain	
(b) On the probability scale, mark with a cross (X) the probability that Nick takes a red counter.						
	0		$\frac{1}{2}$		1	
(c) On the probabilit	y scale, mark wi	th a cross (×) t	the probabi	ility that N	ick takes a white counter.	(1)
	0		1/2		1	

(Total for question = 3 marks)

(1)

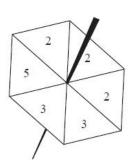
Solutions

Questions

Q1.

Meela has a fair 6-sided spinner.

The sides of the spinner are numbered 2, 2, 2, 3, 3, 5



Meela spins the spinner once.

(a) Which number is the spinner least likely to land on?



(b) From the following list, choose the word that best describes the likelihood that the spinner will land on 2

impossible unlikely evens likely

(1)

certain

(c) Write down the probability that the spinner will land on 3

$$\frac{2}{6} \quad \text{or} \quad \frac{1}{3} \tag{2}$$

(Total for Question is 4 marks)

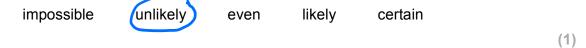
Ihere	are	QIV.	counters	in	2	han
111010	aıc	JIA	COULTICIS	11 1	и	Dau.

Three counters are red, two counters are green and one counter is blue.

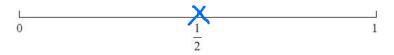


Nick takes at random a counter from the bag.

(a) Circle the word that best describes the likelihood that Nick takes a blue counter.



(b) On the probability scale, mark with a cross (X) the probability that Nick takes a red counter.



(c) On the probability scale, mark with a cross (X) the probability that Nick takes a white counter.



(Total for question = 3 marks)

(1)

(1)