Year	5 - Chance - Questions	
Nam	8	Date
	<b>Probability Outco</b>	mes Using Fractions (A)
(1) a)	What is the chance, as a fraction, of th	ne spinner landing on:
i)	B or b?	
ii)	A or a?	
iii)	C?	
iv)	D?	
b)	What is the chance of the spinner not on:	landing D C A
i)	b or B?	
ii)	C?	
C)	What is the chance of the spinner landing on:	
i)	a capital letter?	
ii)	a lower case letter?	
d)	What is the chance of the spinner land	ding on a vowel?
2 Col	our the rectangles to represent the pro	obability shown.
a)	$\frac{1}{3}$ chance of blue	
b)	$\frac{1}{3}$ chance of green	
C)	$\frac{1}{6}$ chance of red	
d)	$\frac{2}{12}$ chance of yellow	
s.	TATISTICS AND PROBABILITY	<b>b</b> teachstarter

Yea	Year 5 - Chance - Questions		
Na	me	e Date	
		Probability Outcomes Using Fractions (B)	
(1) a	)	What is the chance, as a fraction, of the spinner landing on:	
i)	)	a star?	
ii	)	a square?	
ii	i)	a circle?	
iv	v)	a hexagon?	
b	))	What is the chance of the spinner not landing on:	
i)	)	a circle?	
ii	)	a star?	
ii	i)	a square?	
iv	/)	a hexagon?	
C	)	Which shape has the highest likelihood of being landed on by the spinner?	
d	I)	Which shape has the least likelihood of being landed on by the spinner?	
20	Col	our the rectangles to represent the probability shown.	
а	)	$\frac{1}{10}$ chance of purple	
b	))	$\frac{2}{5}$ chance of pink	
с	)	3   10	
d	I)	$\frac{1}{5}$ chance of green	



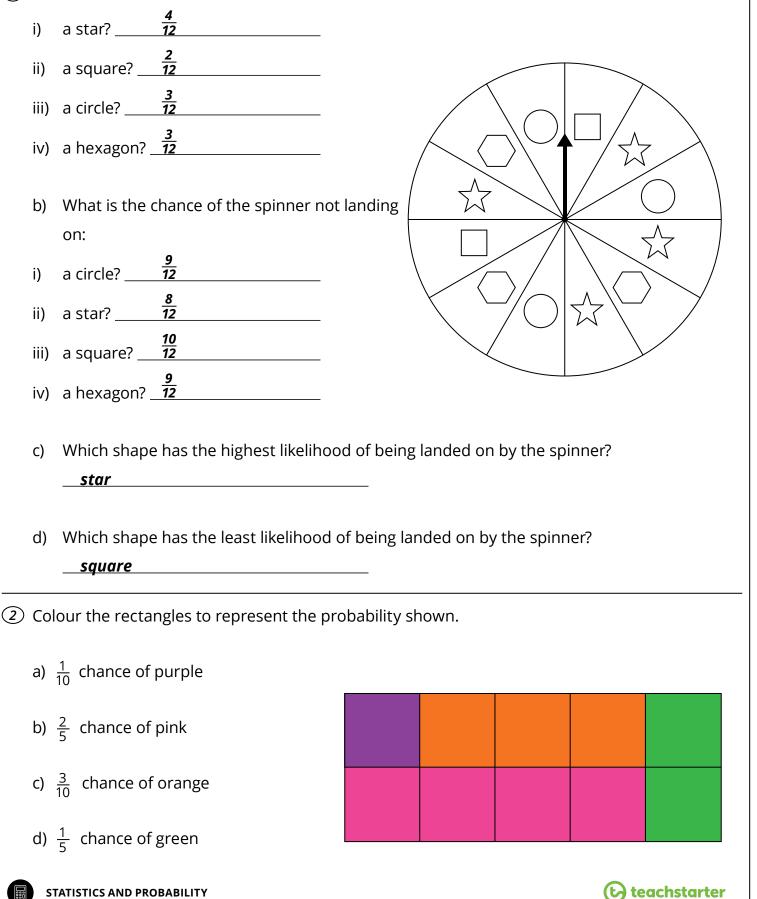
**STATISTICS AND PROBABILITY** 

## **Probability Outcomes Using Fractions (A) - Answers** (1) a) What is the chance, as a fraction, of the spinner landing on: i) B or b? <u>2</u><u>8</u> iii) C? <u>1</u>8 B a D b) What is the chance of the spinner not landing on: Α D i) b or B? <u>6</u> Α b ii) C? <u>7</u> c) What is the chance of the spinner landing on: i) a capital letter? <u>8</u> ii) a lower case letter? <u>8</u> d) What is the chance of the spinner landing on a vowel? <u>8</u> (2) Colour the rectangles to represent the probability shown. a) $\frac{1}{3}$ chance of blue b) $\frac{1}{3}$ chance of green c) $\frac{1}{6}$ chance of red d) $\frac{2}{12}$ chance of yellow



## **Probability Outcomes Using Fractions (B) - Answers**





Year 5 - Chance - Questions				
Name Date				
	Probability Range 0-1 (A)			
① Wr	ite these likelihoods in the correct box under the probability scale.			
eve	en chance, likely, impossible, certain, unlikely			
0	0.1       0.2       0.3       0.4       0.5       0.6       0.7       0.8       0.9       1			
2 Usi	ng the probability scale, rate the likelihood of these events occuring.			
a)	Tuesday will come after Monday next week			
b)	Everyone in our class will be at school tomorrow			
c)	There will be 35 days next December			
d)	A tossed coin lands on tails			
e)	It will snow in Summer			
3 An	swer true or false.			
a)	There is an unlikely chance of the spinner landing on A.			
b)	There is an even chance of the spinner landing on B.			
C)	There is an impossible chance of the spinner landing on E.			
d)	There is a certain chance of the spinner landing on A.			



Year 5	Year 5 - Chance - Questions	
Name	e Date	
	Probability Range 0-1 (B)	
1 Wri	te these values and likelihoods in the correct boxes on the probability scale.	
0, 0	.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1, even chance, likely, impossible, certain, unlikely	
2 Wri	te an event to match each likelihood.	
a)	certain	
b)	likely	
C)	even chance	
d)	unlikely	
e)	impossible	
3 Fill	in the spinner to reflect the likelihoods provided.	
a)	An even chance of the spinner landing on a 3.	
b)	An unlikely chance of the spinner landing on a 6.	
C)	A 1 in 10 chance of the spinner landing on a 1.	
C)	A 2 in 10 chance of the spinner landing on a 2.	
d)	An impossible chance of the spinner landing on a 4.	



<ul> <li>Probability Range 0-1 (A) - Answers</li> <li>Write these likelihoods in the correct box under the probability scale. even chance, likely, impossible, certain, unlikely</li> <li>0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1</li> <li>Impossible unlikely even chance likely certain</li> <li>2 Using the probability scale, rate the likelihood of these events occuring, (Suggested answers);</li> <li>a) Tuesday will come after Monday next week. <u>certain</u></li> <li>b) Everyone in our class will be at school tomorrow. <u>even chance</u></li> <li>c) There will be 35 days next December. <u>impossible</u></li> <li>d) A tossed coin lands on tails. <u>even chance</u></li> <li>e) It will snow in Summer. <u>unlikely</u></li> <li>3 Answer true or false.</li> <li>a) There is an even chance of the spinner landing on A. <u>false</u></li> <li>b) There is an impossible chance of the spinner landing on A. <u>false</u></li> <li>c) There is a newn chance of the spinner landing on A. <u>false</u></li> <li>d) There is a newn chance of the spinner landing on A.</li> <li>false</li> <li>d) There is a certain chance of the spinner landing on A.</li> </ul>	Year 5 - Chance - Answers				
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d) There is a certain chance of the spinner	C)	spinner landing on E.			
d) There is a certain chance of the spinner			7		
	d)	There is a certain chance of the spinner	/		
false		false			



Year 5 - Chance - Answers		
Probability Range 0-1 (B) - Answers		
1 Write these values and likelihoods in the correct boxes on the probability scale.		
0, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1, even chance, likely, impossible, certain, unlikely		
0       0.1       0.2       0.3       0.4       0.5       0.6       0.7       0.8       0.9       1         impossible       unlikely       even chance       likely       certain		
2 Write an event to match each likelihood. <i>(Answers will vary)</i>		
a) certain		
b) likely		
c) even chance		
d) unlikely		
e) impossible		
3 Fill in the spinner to reflect the likelihoods provided.		
a) An even chance of the spinner landing on a 3.		
b) An unlikely chance of the spinner landing on a 6.		
c) A 1 in 10 chance of the spinner landing on a 1.		
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STATISTICS AND PROBABILITY <b>b</b> teachstarter		

