













1. DAYS of the week are put in a hat and drawn at random. (5 marks)										Answer	
(a)	If the chance of picking a Monday is 1 out of 7. Then what is the chance of picking a Friday?										
(b)	What would be the chance of picking a day starting with the letter T ?										
(c)	What is the chance of NOT picking Monday?										
(d)	What is the chance of picking a weekday?										
(e)	How many times would I have to take a day out of the hat to be certain to pick a day starting with the letter S ?										
2. COINS – Two coins were tossed together. What are the chances of getting? (5 marks)											
(a)	2 heads		(c)	1 head 1 tail		(e)	At least 1 tail		(g)	2 heads or 2 tails	
(b)	2 tails		(d)	No heads		(f)	A head or a tail		(h)	2 heads and 2 tails	
(i)	Jimmy decided to add an extra coin and throw 3 coins. What were his chances of getting 3 tails?										
3. BAG OF LOLLIES – smarties (5 marks)										Answer	
Skye tipped a packet of smarties into a bowl and then took one out without looking:											
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>blue</p> </div> <div style="text-align: center;">  <p>yellow</p> </div> <div style="text-align: center;">  <p>red</p> </div> <div style="text-align: center;">  <p>green</p> </div> <div style="text-align: center;">  <p>purple</p> </div> </div>											
(a)	Which colour would she be most likely to pick?										
(b)	Which colour has the least chance out of red and green?										
(c)	The two colours that have an even chance of being picked are:										
(d)	What is the chance of choosing an orange smartie out of the bowl?										
(e)	What is the minimum number of smarties taken away so that each colour has an even chance of being chosen?										
4. SIX-SIDED DICE – throwing a single die (5 marks)											
A six sided die is thrown. What is the probability of throwing:											
(a)	a five		(d)	not a four		(d)	an eight				
(b)	a one, two or six		(e)	less than seven		(h)	an odd number				
(c)	more than two		(f)	a three or four		(i)	square number				
(j)	TWO dice are thrown and added together to give a score. Which score would have the best chance of being thrown?										

1. DAYS of the week are put in a hat and drawn at random. (5 marks)										Answer	
(a)	If the chance of picking a Monday is 1 out of 7. Then what is the chance of picking a Friday?									1/7	
(b)	What would be the chance of picking a day starting with the letter T?									2/7	
(c)	What is the chance of NOT picking Monday?									6/7	
(d)	What is the chance of picking a weekday?									5/7	
(e)	How many times would I have to take a day out of the hat to be certain to pick a day starting with the letter S ?									6	
2. COINS – Two coins were tossed together. What are the chances of getting? (5 marks)											
(a)	2 heads	1/4	(c)	1 head 1 tail	1/2	(e)	At least 1 tail	3/4	(g)	2 heads or 2 tails	1/2
(b)	2 tails	1/4	(d)	No heads	3/4	(f)	A head or a tail	1	(h)	2 heads and 2 tails	0
(i)	Jimmy decided to add an extra coin and throw 3 coins. What were his chances of getting 3 tails?									1/8	
3. BAG OF LOLLIES – smarties (5 marks)										Answer	
Skye tipped a packet of smarties into a bowl and then took one out without looking:											
<div><div> blue</div><div> yellow</div><div> red</div><div> green</div><div> purple</div></div>											
(a)	Which colour would she be most likely to pick?									purple	
(b)	Which colour has the least chance out of red and green?									red	
(c)	The two colours that have an even chance of being picked are:									blue & red	
(d)	What is the chance of choosing an orange smartie out of the bowl?									0	
(e)	What is the minimum number of smarties taken away so that each colour has an even chance of being chosen?									7	
4. SIX-SIDED DICE – throwing a single die (5 marks)											
A six sided die is thrown. What is the probability of throwing:											
(a)	a five	1/6	(d)	not a four	5/6	(d)	an eight	0			
(b)	a one, two or six	3/6 (1/2)	(e)	less than seven	6/6 (1)	(h)	an odd number	3/6 (1/2)			
(c)	more than two	4/6 (2/3)	(f)	a three or four	2/6 (1/3)	(i)	square number	2/6 (1/3)			
(j)	TWO dice are thrown and added together to give a score. Which score would have the best chance of being thrown?									7	