mathsgenie.co.uk Please do not		t write	on this sheet	mathsgenie.co.uk	
1       Andrew is going to have a meal. He can choose one starter and one main from the menu.         Image: Menu Starter Starter Starter Soup Pasta Dough Balls Pizza Garlic Bread Salad		5	<ul> <li>5 Archie is going to roll two 6-sided dice. Each dice can land on 1, 2, 3, 4, 5 or 6.</li> <li>(a) List all the possible outcomes. Archie adds up the two numbers to get a total score.</li> <li>(b) Work out the probability of Archie scoring more than 7</li> </ul>		
Write down all the possible combinations Andrew can choose. (Total for question 1 is 2 marks)		s) –	(c) Work out the producting of Menie Scoring more than 7. (Total for question 5 is 4 marks)		
2 William is going to roll a The dice can land on 1, 2 The coin can land on hea List all the possible outco	6 sided dice and flip a coin. , 3, 4, 5 or 6. ds or tails. omes. (Total for question 2 is 2 mark	<u>s)</u> 6	Here are three number cards <b>5</b>	8	
<ul> <li>George is going to flip a coin three times.</li> <li>List all the possible outcomes.</li> </ul>		<u></u>	Write down all the possible <b>two-digit numbers</b> that can be made using the cards. (Total for question 6 is 2 marks)		
<ul> <li>(Total for question 3 is 2 marks)</li> <li>Charlotte has to choose which subjects she wants to study. She can choose one humanity and one language from the options.</li> </ul>		<u>s)</u> 7	Here are four number cards		
Humanities History Geography	Options Languages French German Spanish		1   2     Write down all the possible three-dusing the cards.	3 4 digit numbers that can be made	
Write down all the possible combinations Charlotte can choose. (Total for question 4 is 2 marks)		<u>)</u> —		(Total for question 7 is 3 marks)	
Grade 3 Systematic Listing			Grade 3		

