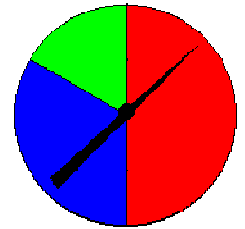


## Probability experiments 1

1. Alex has a spinner, with three colours as shown. The probability of landing on the green section is exactly  $\frac{1}{6}$ . Find the probability of landing on the other two colours.



Red .....

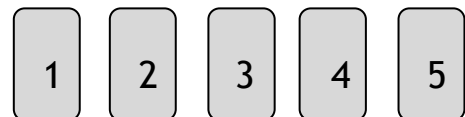
Blue .....

2. Jamie has a spinner shown. He spins it **twice**, then **multiplies** the two scores together. Complete the table below to show all possible outcomes.



		Score on first spin					
		1	2	3	4	5	6
Score on second spin	1						
	2						
	3						
	4						
	5						
	6						

3. In a school fate, students have a game that consists of 5 cards numbered 1 to 5.



To win a prize, you must turn over just two cards to reveal their numbers. The sum of the two cards must make a score of 6.

(a) Use the next page to list out all the possible ways you can play the game. One has been done for you.

(b) What is the probability that you will win a prize .....

(c) Is this a good game to play at the fate. Explain your answer.

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