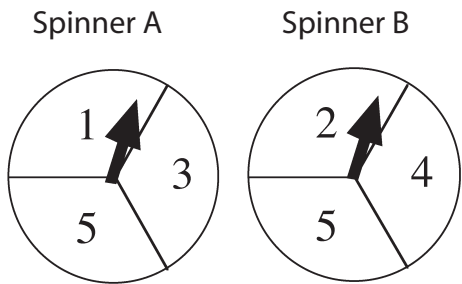


S7 Sheet 1 – Spinners

Two fair spinners are numbered 1, 3, 5 and 2, 4, 5 respectively.



You spin the spinners and add the numbers together.

- If the total is even, Amy wins a prize.
- If the total is a multiple of 3, Max wins a prize.
- If the total is 5 or 7, Sam wins a prize.

1. Draw a table to show all the equally likely outcomes:

		Spinner A		
		1	3	5
Spinner B	2			
	4			
	5			

2. Complete the table below:

Name	Probability of winning a prize
Amy	$\frac{1}{3}$
Max	
Sam	

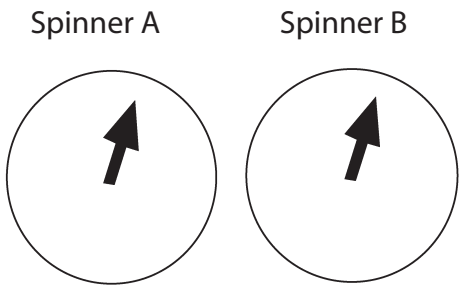
3. Explain what is wrong with the following statement:

“The probability that someone will win is 1. This means that the probabilities in question 2 should add up to 1.”

4. What further questions can you ask?

S7 Sheet 2 – Template for spinners question

Two fair spinners are numbered and respectively.



You spin the spinners and the numbers together.

If the result is then

If the result is then

If the result is then

1. Draw a to show all the equally likely outcomes:

2.

3.