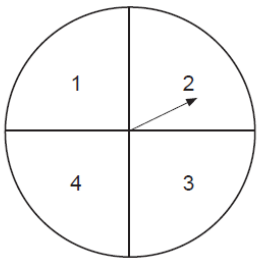
1 A fair 4-sided spinner is spun twice.



The **product** of the two numbers on each spin is recorded in the table below.

(a) Complete the table below to show the possible outcomes.

		Number on first spin			
		1	**2**	**3**	**4**
Number on second spin	**1**	1			
	2		4		
	3			9	
	4				16

[2]

(b) Work out the probability that the product is a square number.

Answer _____ [1]

13 A menu in a restaurant prices the meals as follows:

2 courses:	**£16**
3 courses:	**£21**

The menu offers 5 starters, 8 mains and 4 desserts.
John wants a 2 course meal which includes a main.

How many choices does John have?

Answer _____ [3]

M7 -18 days to go!

2 Karen buys 1.6 kg of apples on Monday.

She pays £2.80
Karen buys 2 kg of apples in the same shop on Tuesday.

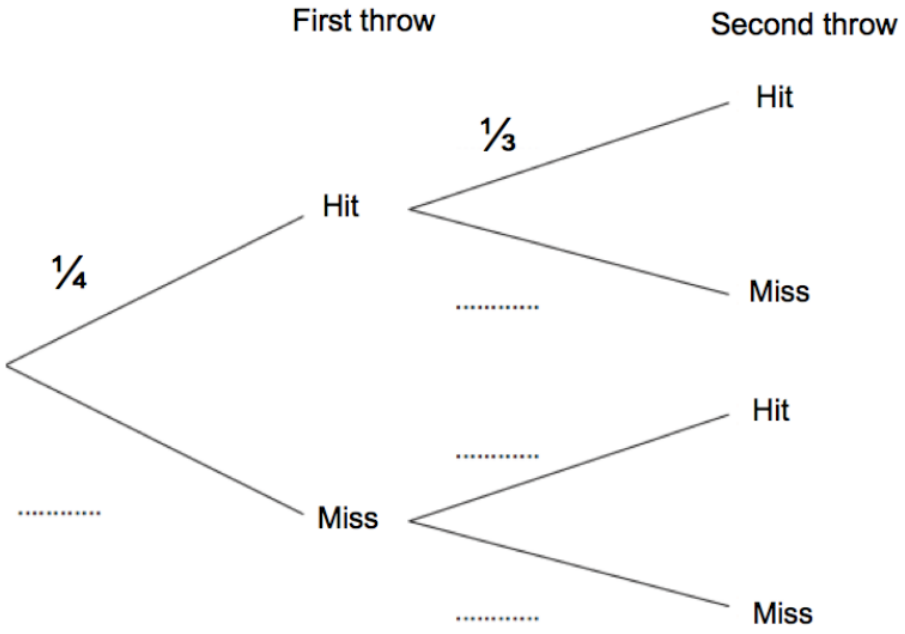
How much in total does Karen pay for apples on Monday and Tuesday?

Answer _____ [4]

5. Jennifer is playing darts.
She throws two darts aiming for a Bullseye.

The probability Jennifer hits the Bullseye on her first throw is ¼.
The probability she hits the Bullseye on her second throw ⅓.

(a) Complete the tree diagram.



(b) Work out the probability Jennifer hits the Bullseye at least once.

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(2)