

# M6 = 2 days to go!

3 (a) Write down the name of the sequence of numbers below:

1, 3, 6, 10, 15, 21...

Answer \_\_\_\_\_ [1]

(b) What is the largest number less than 70 that belongs to this sequence?

Answer \_\_\_\_\_ [1]

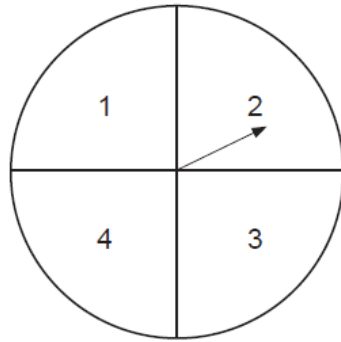
13 Jack is feeding the grass on his lawn.

He uses the ratio 1 part fertiliser to 24 parts water.  
He needs three litres in total.

How much fertiliser should he use (in ml)?

Answer \_\_\_\_\_ ml [3]

11 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]