1   In a box there are some buttons.

45 are large and the rest are small.

Some are yellow and the rest are green.

The number of small is $\frac{5}{3}$ of the number of large.

The number of green is 300% of the number of yellow.

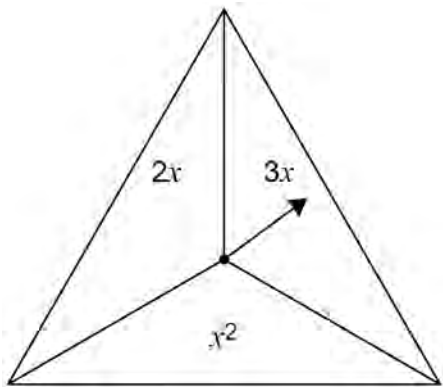There are 12 small yellow buttons.

How many large green buttons are there?

You may use the two-way table to help you.

[4 marks]

	Large	Small	
Yellow		12	
Green			
	45		

_____

_____

_____

_____

_____

_____

Answer _____

2   In a game,

- an ordinary fair six-sided dice is rolled
- the fair spinner shown is spun.

The score is the dice number **substituted** into the spinner expression.

2 (a)   Complete the table to show all of the possible scores.

[2 marks]

	1	2	3	4	5	6
$2x$				8		
$3x$		6				
x^2					25	