

M7 = 30 days to go!

4 There are 32 pupils in a class and all were present on Monday.

On Monday the teacher asked each pupil their favourite colour.

She recorded the results for green, blue and yellow accurately in a table.

	Green	Blue	Yellow	Total
Girls	3	5	4	12
Boys	4	7	2	13
Total	7	12	6	25

(a) Give a reason why the total number of boys and girls in the table is not 32

_____ [1]

(b) There are 18 girls in the class.

What is the probability that a girl said the colour blue?

Answer _____ [1]

(c) What is the probability that a pupil in the class **did not** say green?

Answer _____ [1]

12 Use trial and improvement to solve the equation

$$x^3 - 3x = 11$$

Give your answer correct to one decimal place.

You must show your working

x	$x^3 - 3x$	