Weight (w kg)	Frequency	
$2 < w \leqslant 3$	12	
$3 < w \leq 4$	16	
$4 < w \leq 5$	9	
$5 < w \leqslant 6$	2	
$6 < w \leqslant 7$	1	

1 The table shows information about the weights, in kilograms, of 40 babies.

One of the 40 babies is going to be chosen at random.

(c) Find the probability that this baby has a weight of more than 5 kg.

(2)

(Total for Question 1 is 2 marks)

2 The table gives information about the number of gold stars won by each of 25 students in class 7T last week.

Number of gold stars	Number of students	
0	6	
1	5	
2	4	
3	7	
4	3	

A student in class 8R is to be chosen at random.

The probability that this student won at least one gold star last week is 0.39

(b) Work out the probability that this student did **not** win at least one gold star last week.

(1)

(Total for Question 2 is 1 marks)

3 Here is a biased 4-sided spinner.



The table gives the probabilities that, when the spinner is spun once, it will land on 1 or it will land on 3

Number	1	2	3	4
Probability	0.26		0.18	

The probability that the spinner will land on 2 is equal to the probability that the spinner will land on 4

Ravina is going to spin the spinner a number of times.

Ravina works out that an estimate for the number of times the spinner will land on 3 is 45

Work out an estimate for the number of times the spinner will land on 4
