

- 11 There are 30 children in a nursery school.
At least 1 adult is needed for every 8 children in the nursery.
- (a) Work out the least number of adults needed in the nursery.



.....
(2)

2 more children join the nursery.

- (b) Does this mean that more adults are needed in the nursery?
You must give a reason for your answer.

.....
(1)

(Total for Question 11 is 3 marks)

- 12 Emma has 45 rabbits.

30 of the rabbits are male.
8 of the female rabbits have short hair.
12 of the rabbits with long hair are male.



- (a) Use the information to complete the two-way table.

	Male	Female	Total
Long hair			
Short hair			
Total			

(3)

One of Emma's rabbits is chosen at random.

- (b) Write down the probability that this rabbit is a female with short hair.

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(1)

(Total for Question 12 is 4 marks)

