

Paper Reference 1ST0/1F
Pearson Edexcel
Level 1/Level 2 GCSE (9–1)

Statistics
PAPER 1
Foundation Tier
(Calculator)

Data Booklet

In the boxes below, write your name, centre number and candidate number.

Surname					
Other names					
Centre Number					
Candidate Number					

INSTRUCTIONS

There may be spare copies of some data sheets in case you need them.

**THIS DATA BOOKLET MUST BE RETURNED WITH THE
QUESTION PAPER AT THE END OF THE EXAMINATION.**

Contents

Page

4	Question 1
5	Question 1 (Spare copy)
6	Question 2 and Question 2(d)
7	Question 3
8	Question 3 (Spare copy)
9	Question 6
10	Question 6 (Spare copy)
11	Questions 9(b) and 9(c)
12	Question 10
13	Question 11
14	Question 12
15	Question 13
16	Questions 14(a) and 14(b)
17	Question 14(c)
18	Question 14(d)
19	Question 14(d) (Spare copy)
20	Question 15

Question 1

KEY:

represents 10 cars

Month	Number of cars			
August	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div></div>
September	<div><div></div><div></div></div>	<div><div></div><div></div></div>		
October				
November				

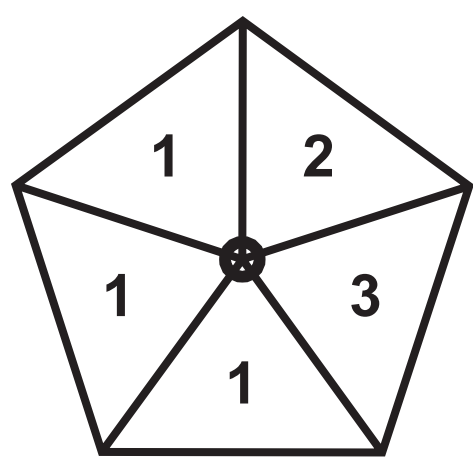
Question 1

KEY:

represents 10 cars

Month	Number of cars			
August	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div></div>
September	<div><div></div><div></div></div>	<div><div></div><div></div></div>		
October				
November				

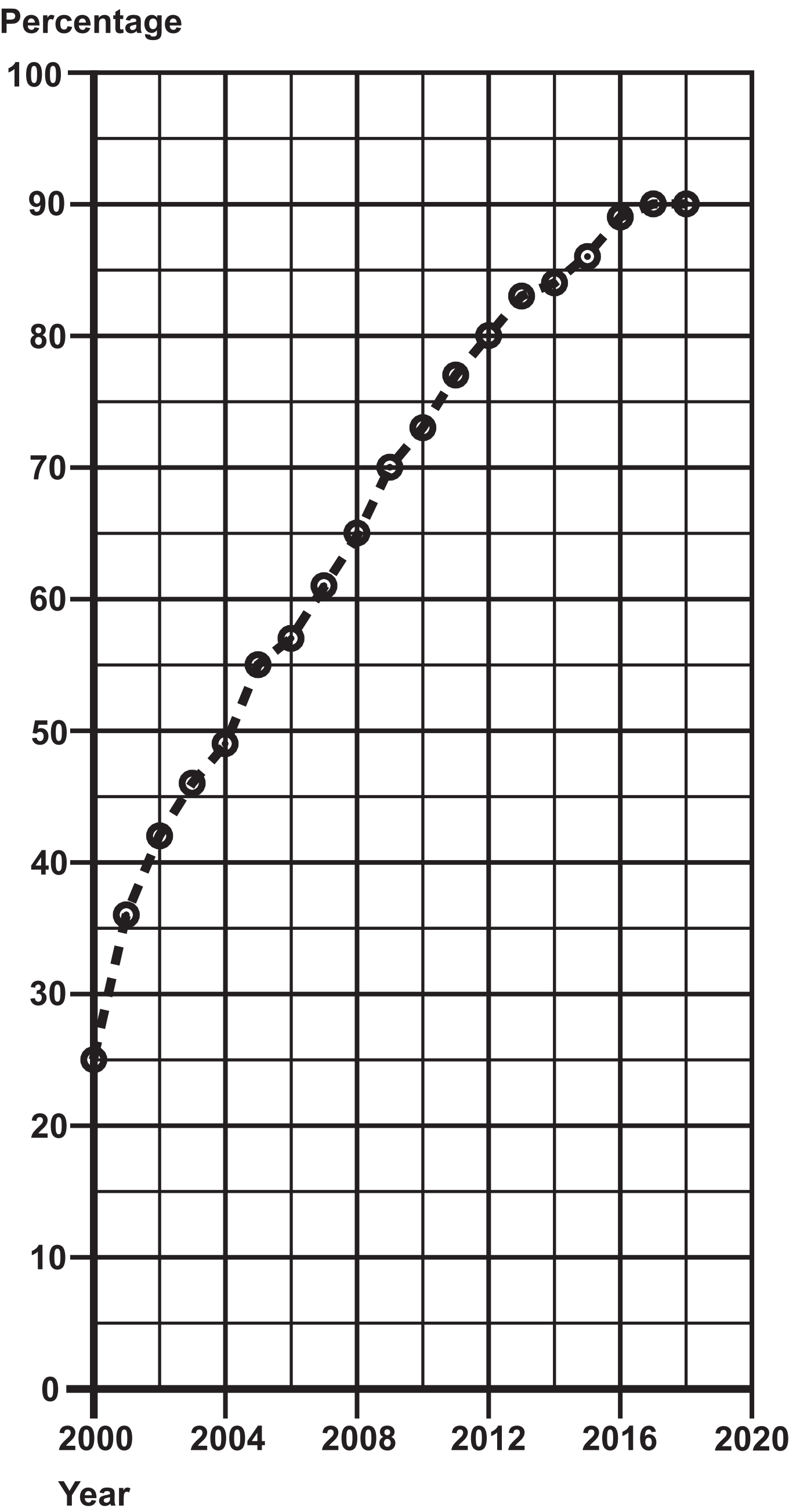
Question 2



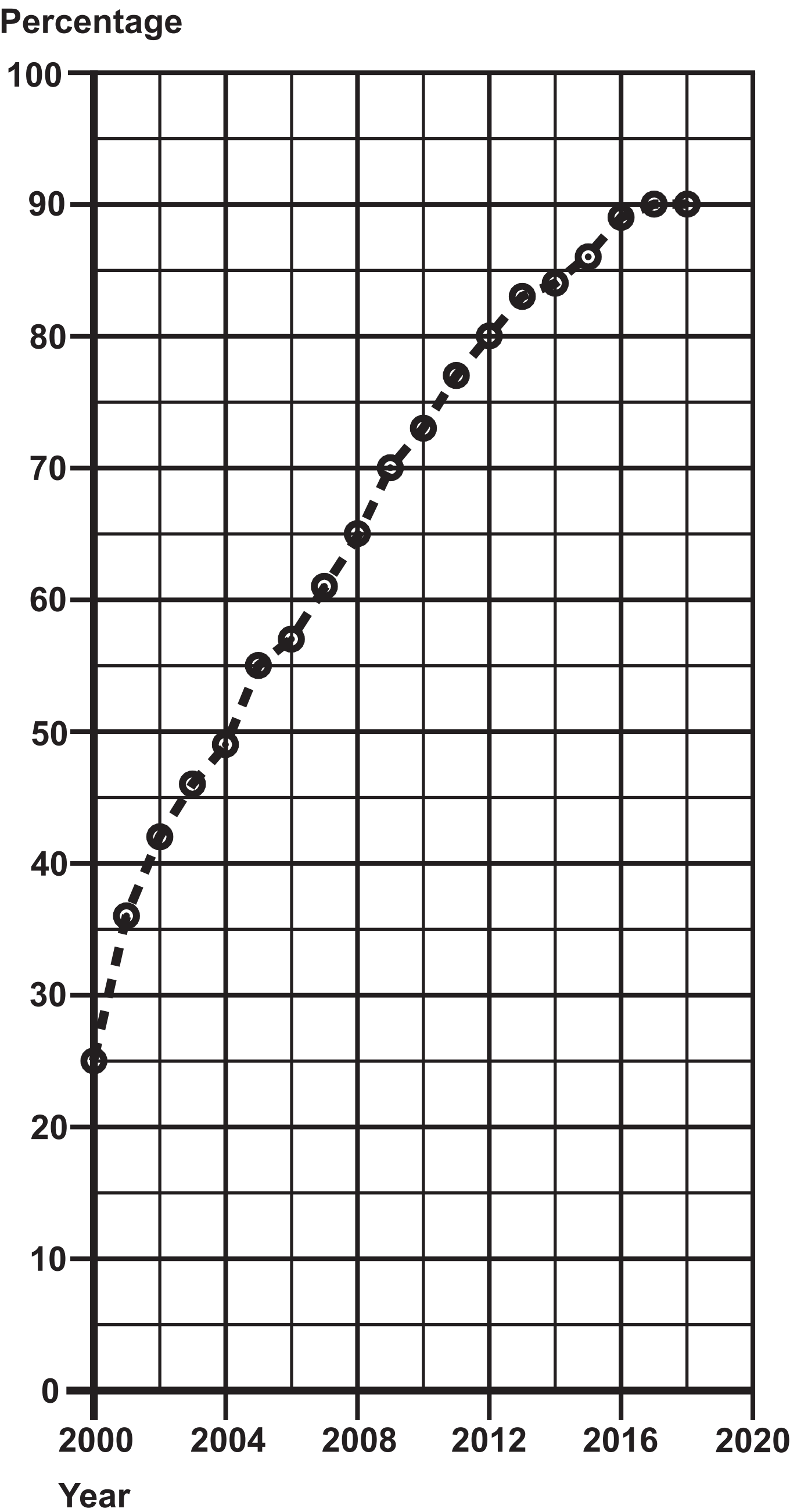
Question 2(d)

Number	Frequency
1	9
2	19
3	11
4	10
5	1
6	10

Question 3

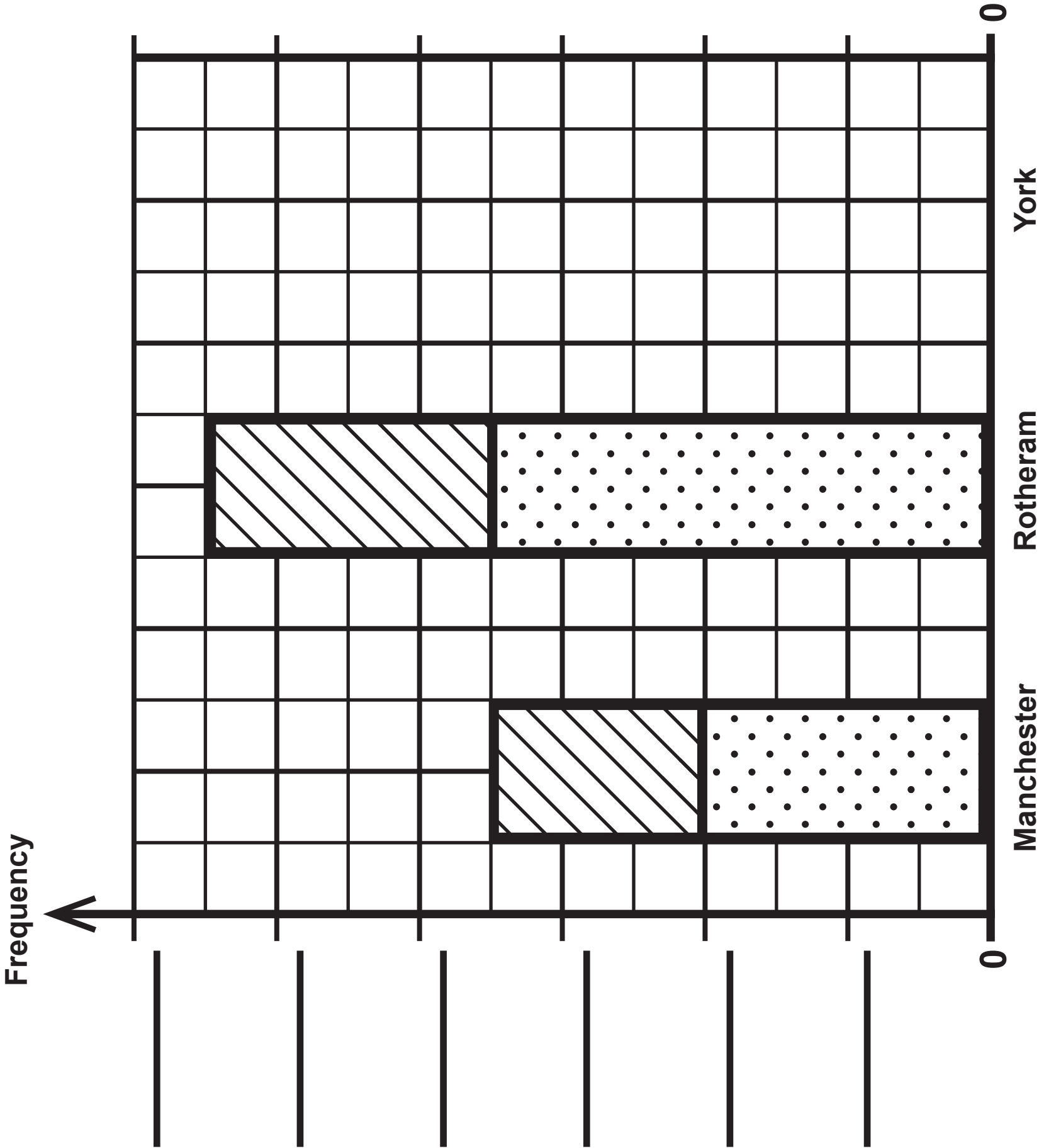


Question 3



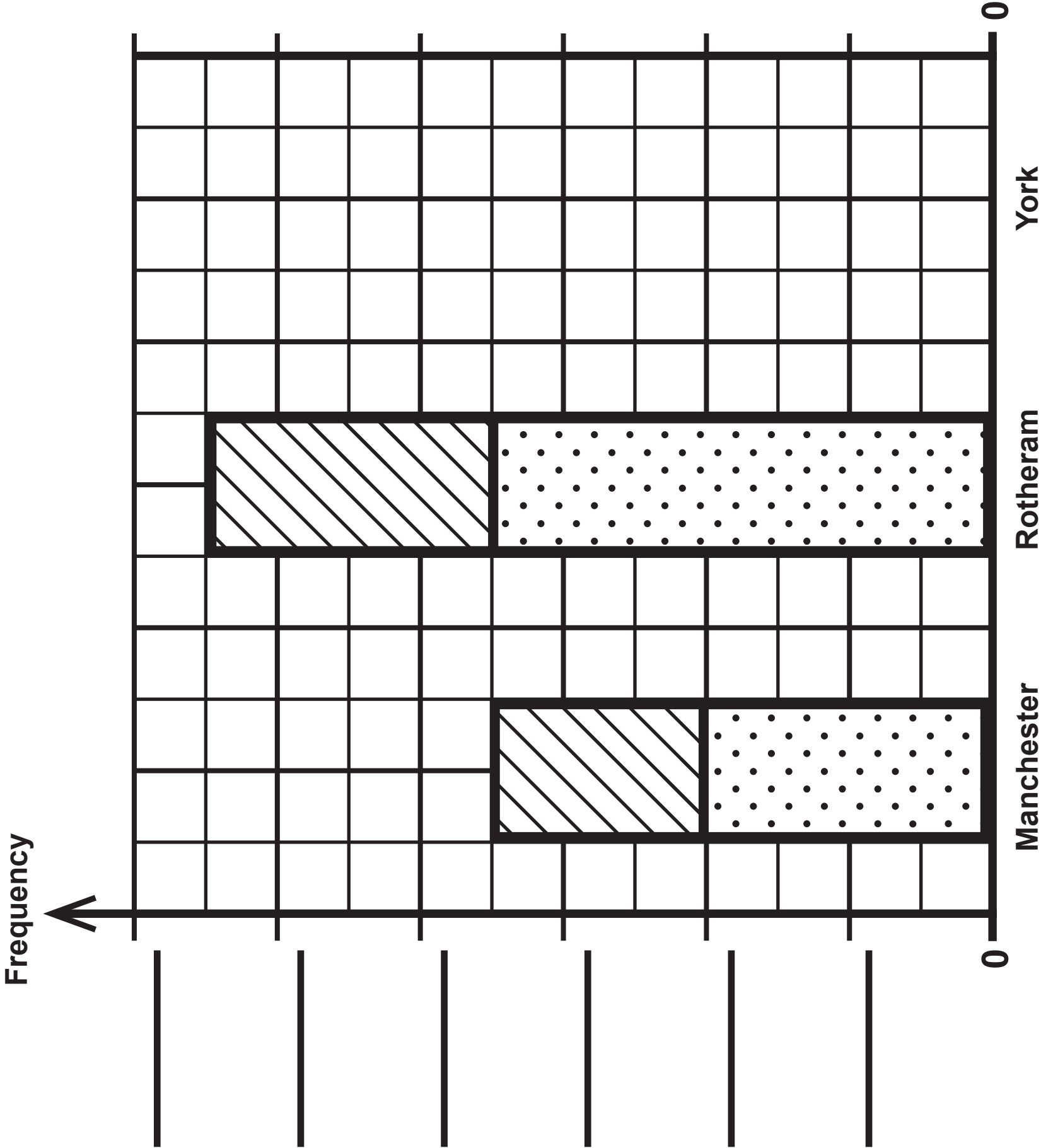
Question 6

KEY:



Question 6

KEY:



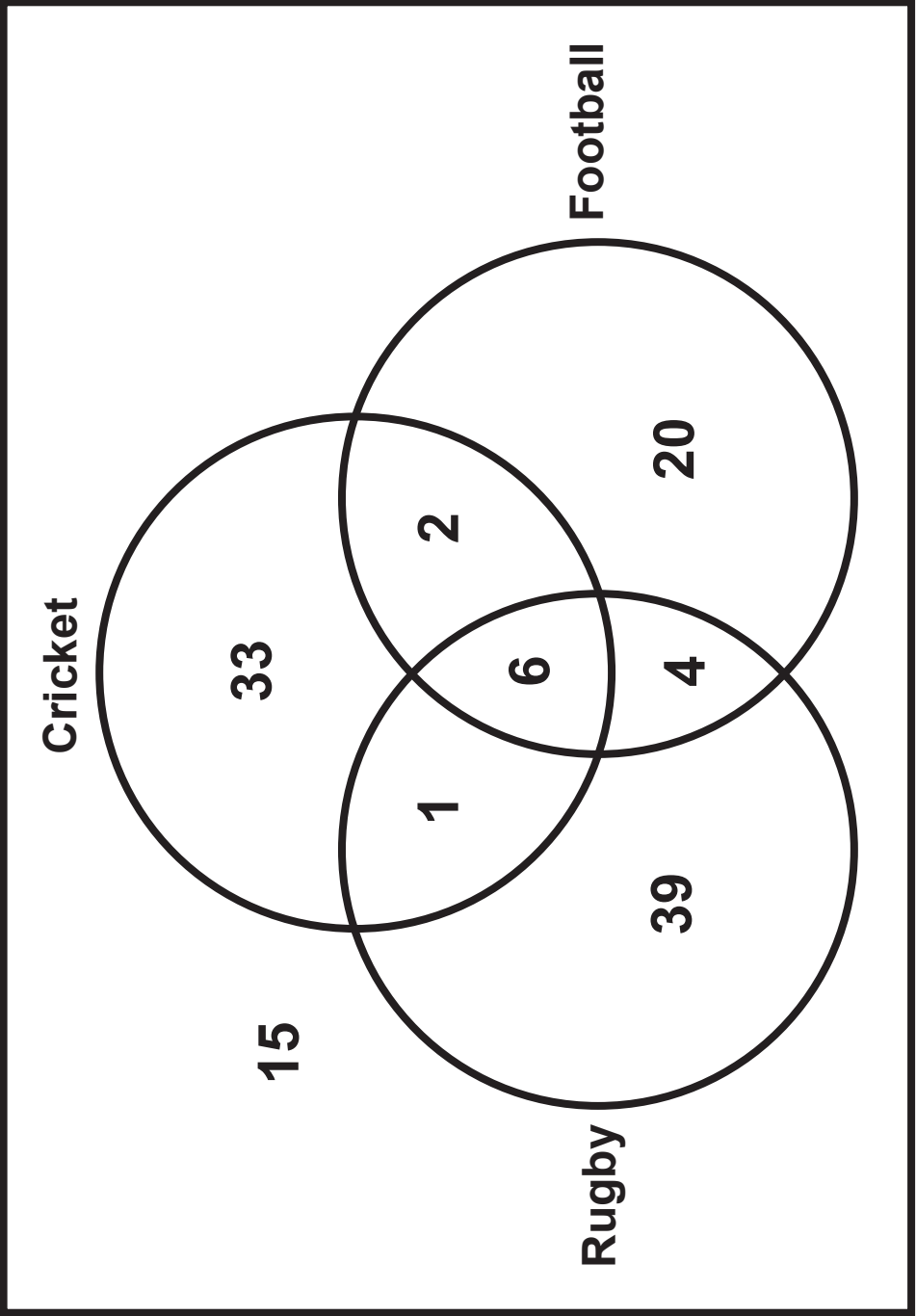
Question 9

TABLE A

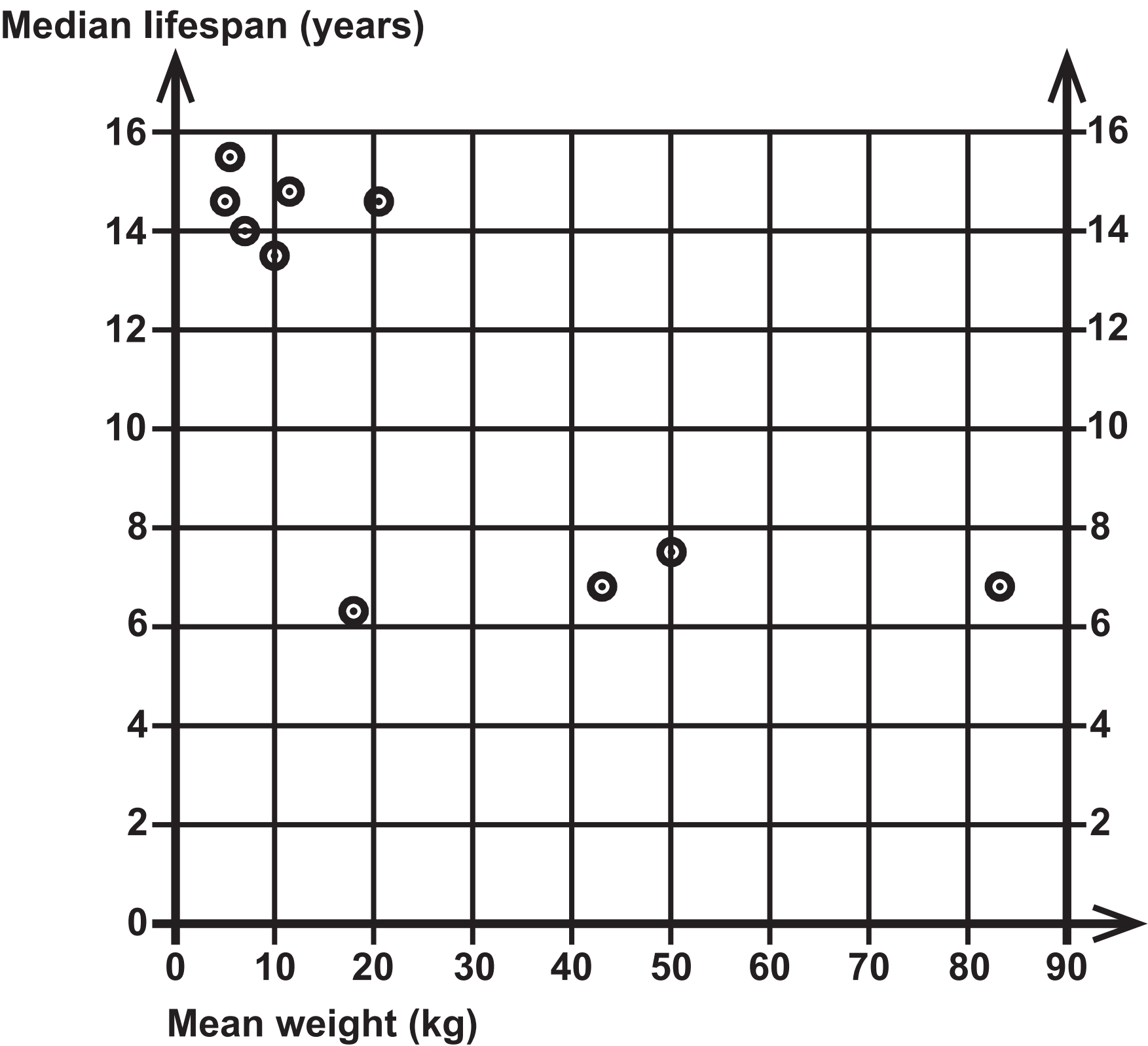
Age (a years)	Frequency
$0 < a \leq 20$	0
$20 < a \leq 40$	73
$40 < a \leq 60$	66
$60 < a \leq 80$	11
$80 < a \leq 100$	0

TABLE B

Age (a years)	Frequency
$20 < a \leq 30$	6
$30 < a \leq 40$	67
$40 < a \leq 50$	53
$50 < a \leq 60$	13
$60 < a \leq 70$	11



Question 11



Question 12

KEY:

2 | 1 represents 21 cm

SHADE

1	7	8	9						
2	1	2	3	4	5	7	8	9	
3	1	1	1	2	4	5			
4									
5									

KEY:

3 | 3 represents 33 cm

SUNLIGHT

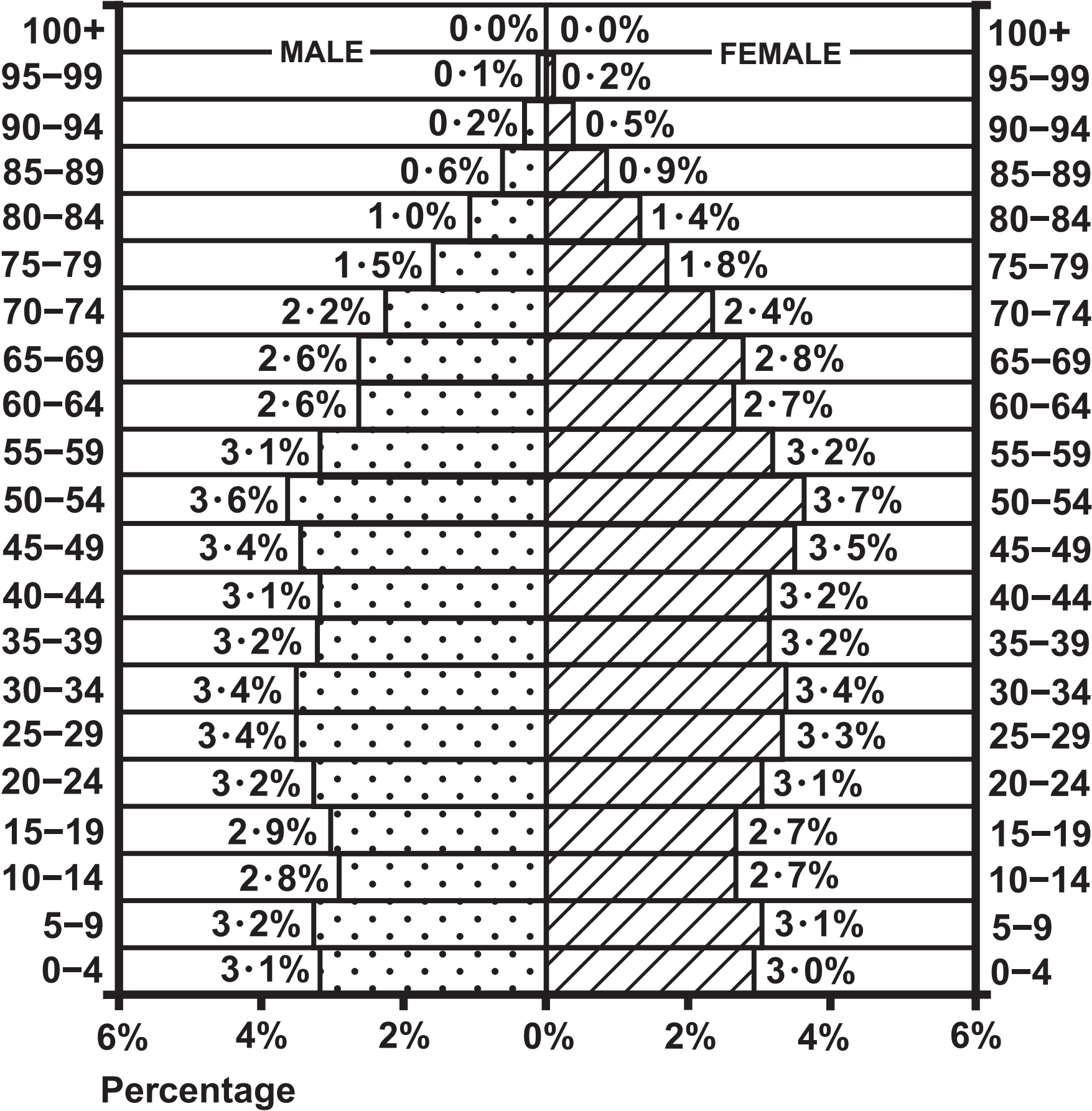
1	
2	8 9
3	3 5 5 6 7 9
4	1 2 3 5 6 7 8 9
5	1

Question 13

United Kingdom 2017

Population: 65 511 097

Age group



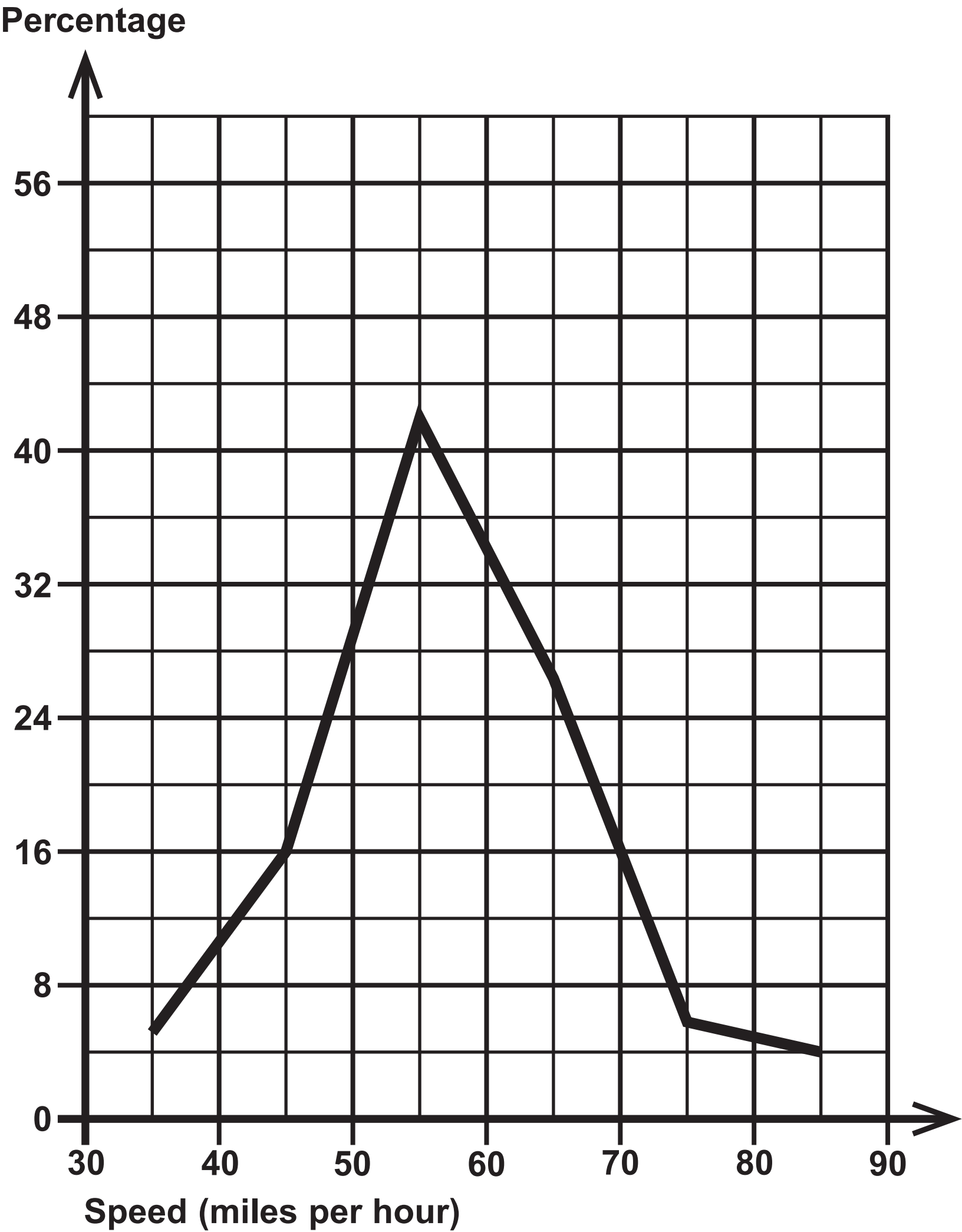
Questions 14(a) and 14(b)

Speed (s miles per hour)	Percentage of cars	Percentage of motorcycles
$30 \leq s < 40$	3	0
$40 \leq s < 50$	18	four
$50 \leq s < 60$	42	8
$60 \leq s < 70$	27	124
$70 \leq s < 80$	6	56
$80 \leq s < 90$		8
Total	100	100

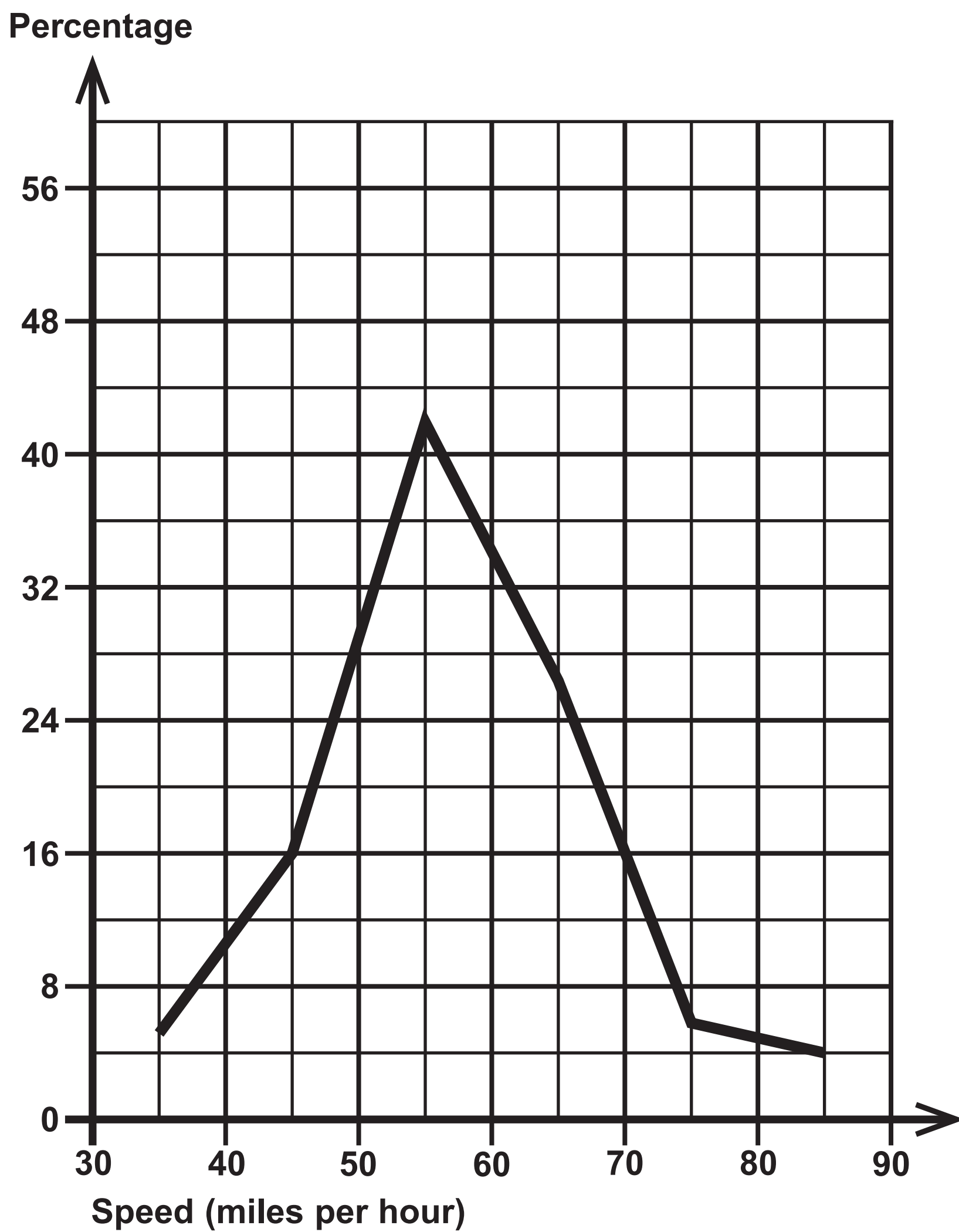
Question 14(c)

Speed (s miles per hour)	Percentage of motorcycles
$30 \leq s < 40$	0
$40 \leq s < 50$	4
$50 \leq s < 60$	8
$60 \leq s < 70$	24
$70 \leq s < 80$	56
$80 \leq s < 90$	8
Total	100

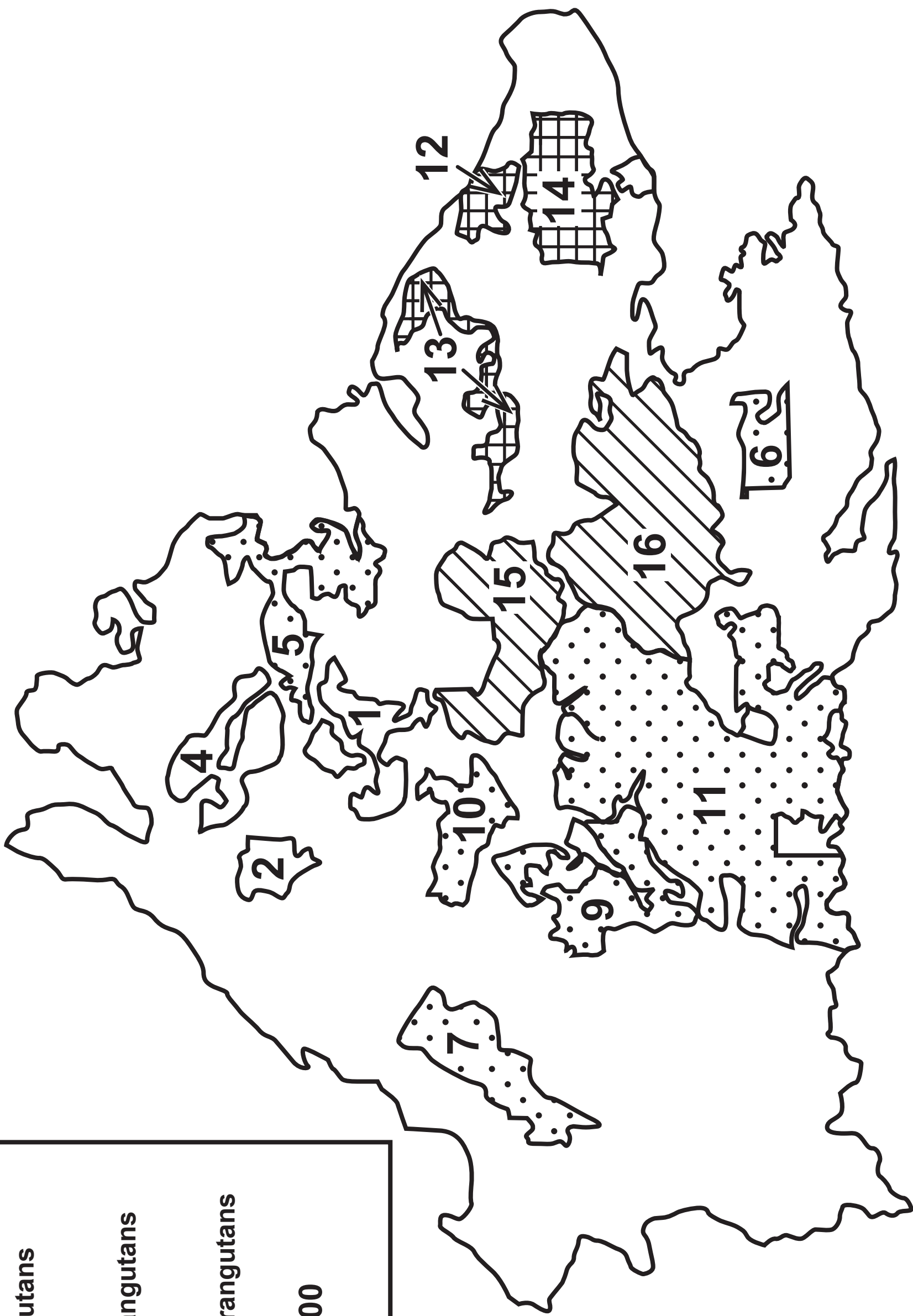
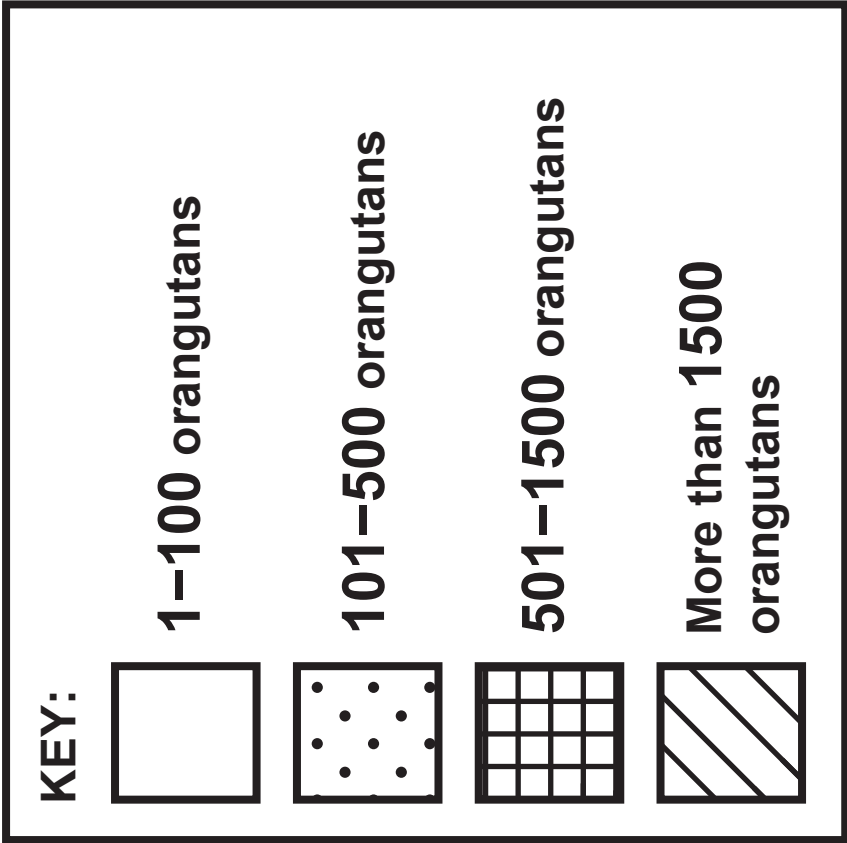
Question 14(d)



Question 14(d)



Question 15



Sources

Question 3

(Source: Office for National Statistics)

Question 4

(Source: www.worldpopulationreview.com)

Question 8

(Source: Wikipedia.org)

Question 11

(Source: adapted from www.instituteofcaninebiology.org)

Question 13

(Source: Populationpyramid.net)

(Source: Office for National Statistics)

Question 15

(Source: www.researchgate.net)