

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**

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

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>
September	<div><div></div><div></div></div>	<div><div></div><div></div></div>		
October				
November				

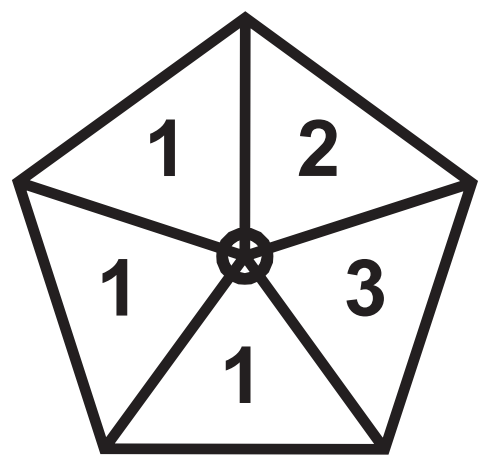
Question 1

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>
September	<div><div></div><div></div></div>	<div><div></div><div></div></div>		
October				
November				

Question 2

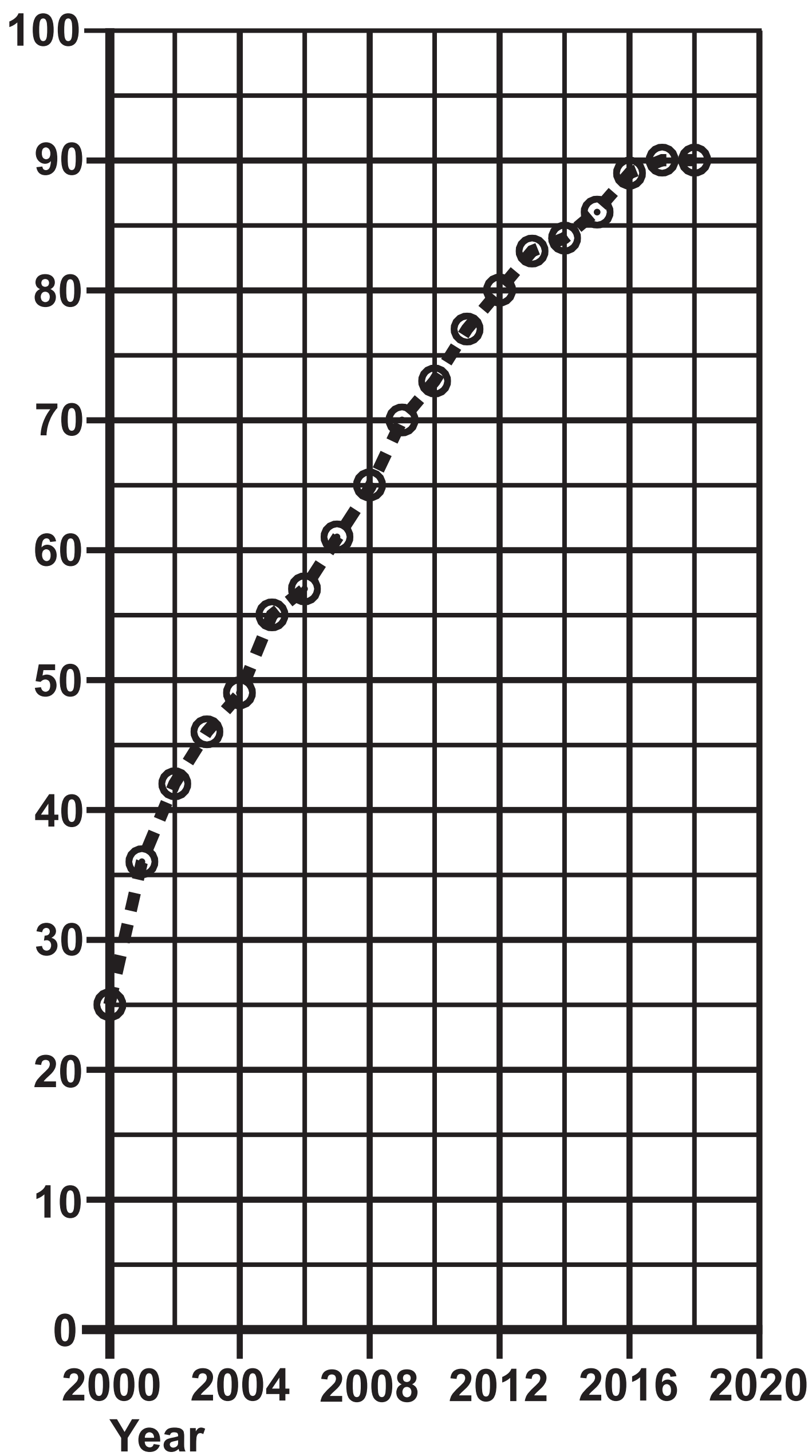


Question 2(d)

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

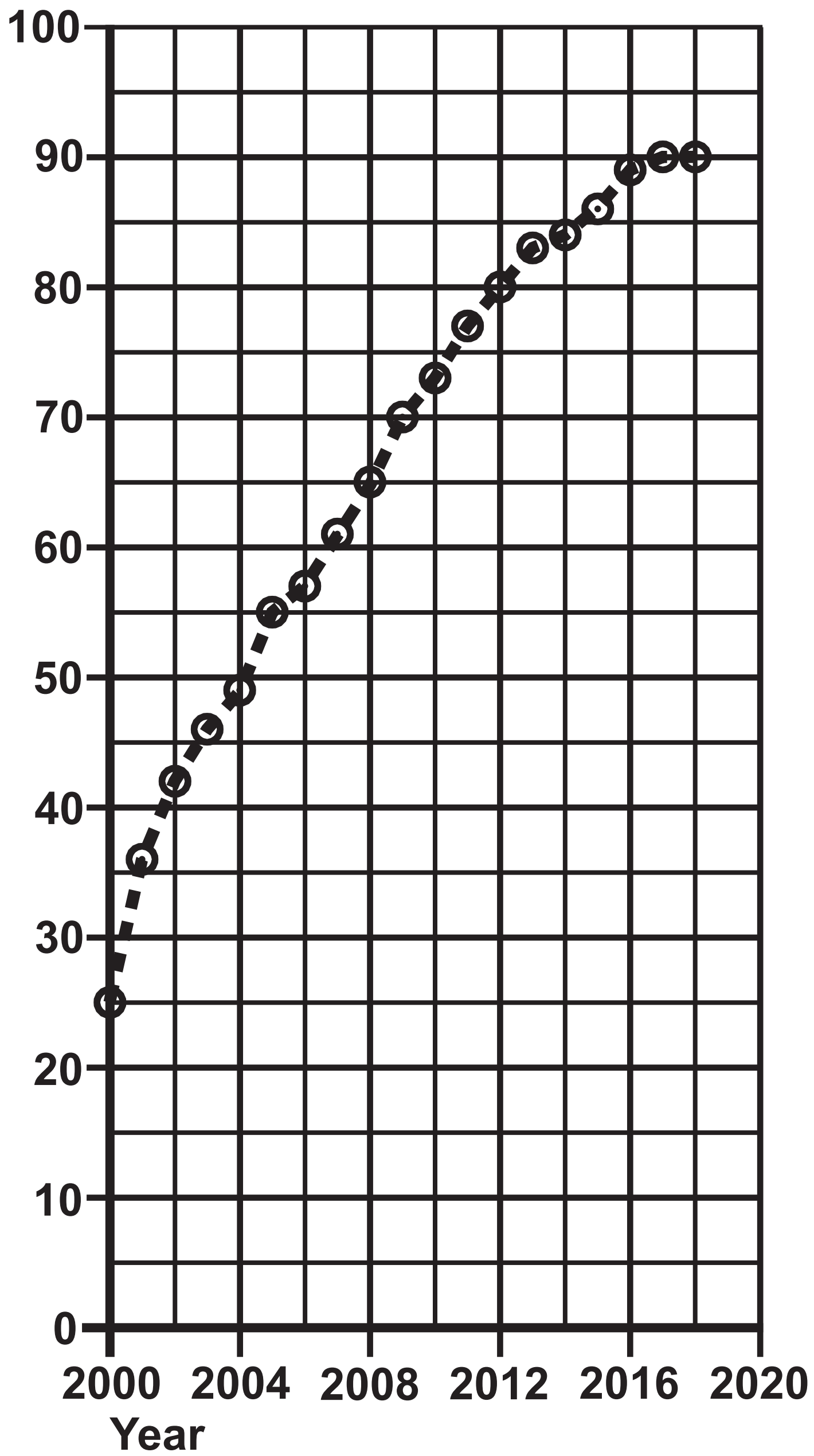
## Question 3

Percentage



## Question 3

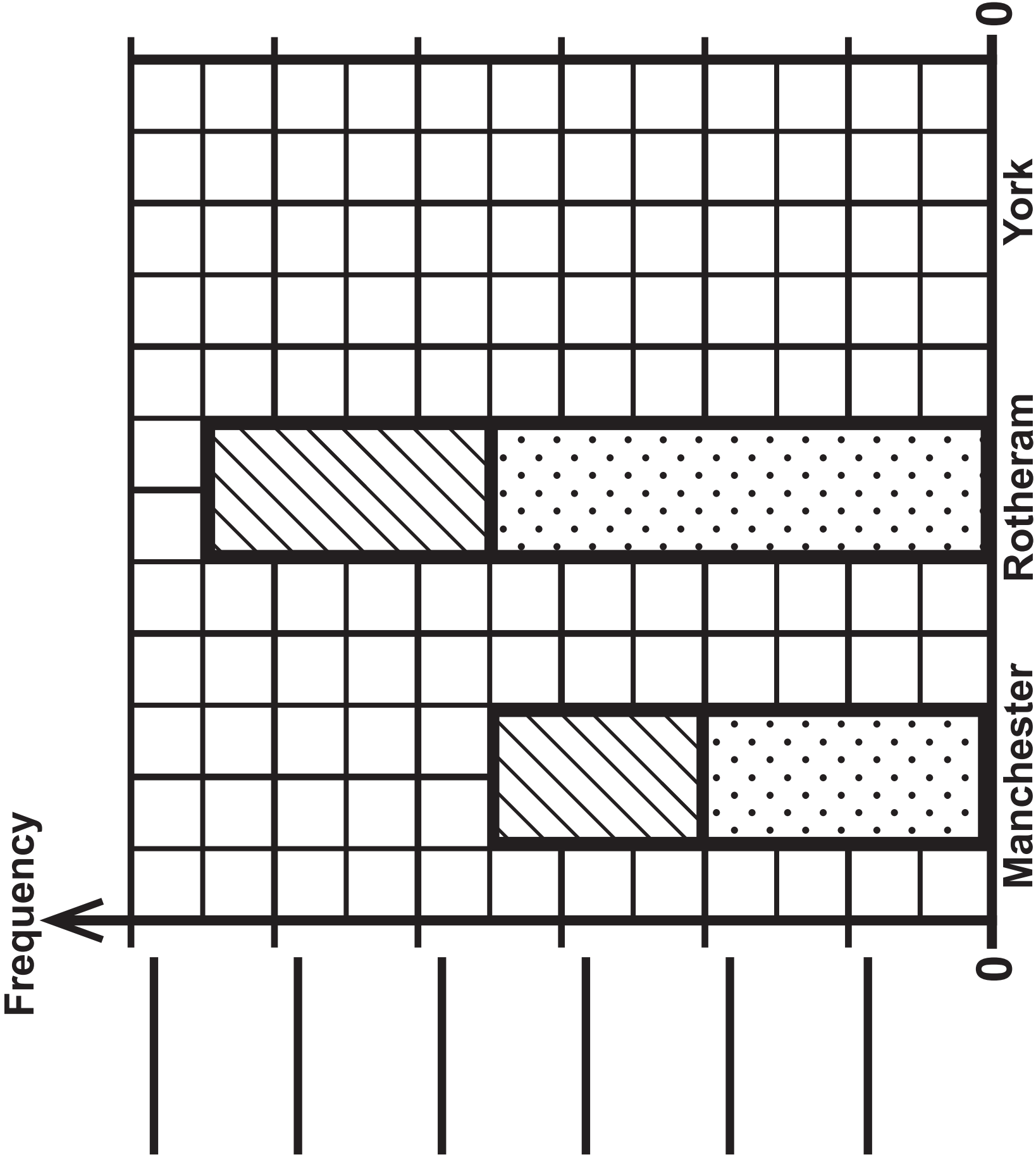
Percentage





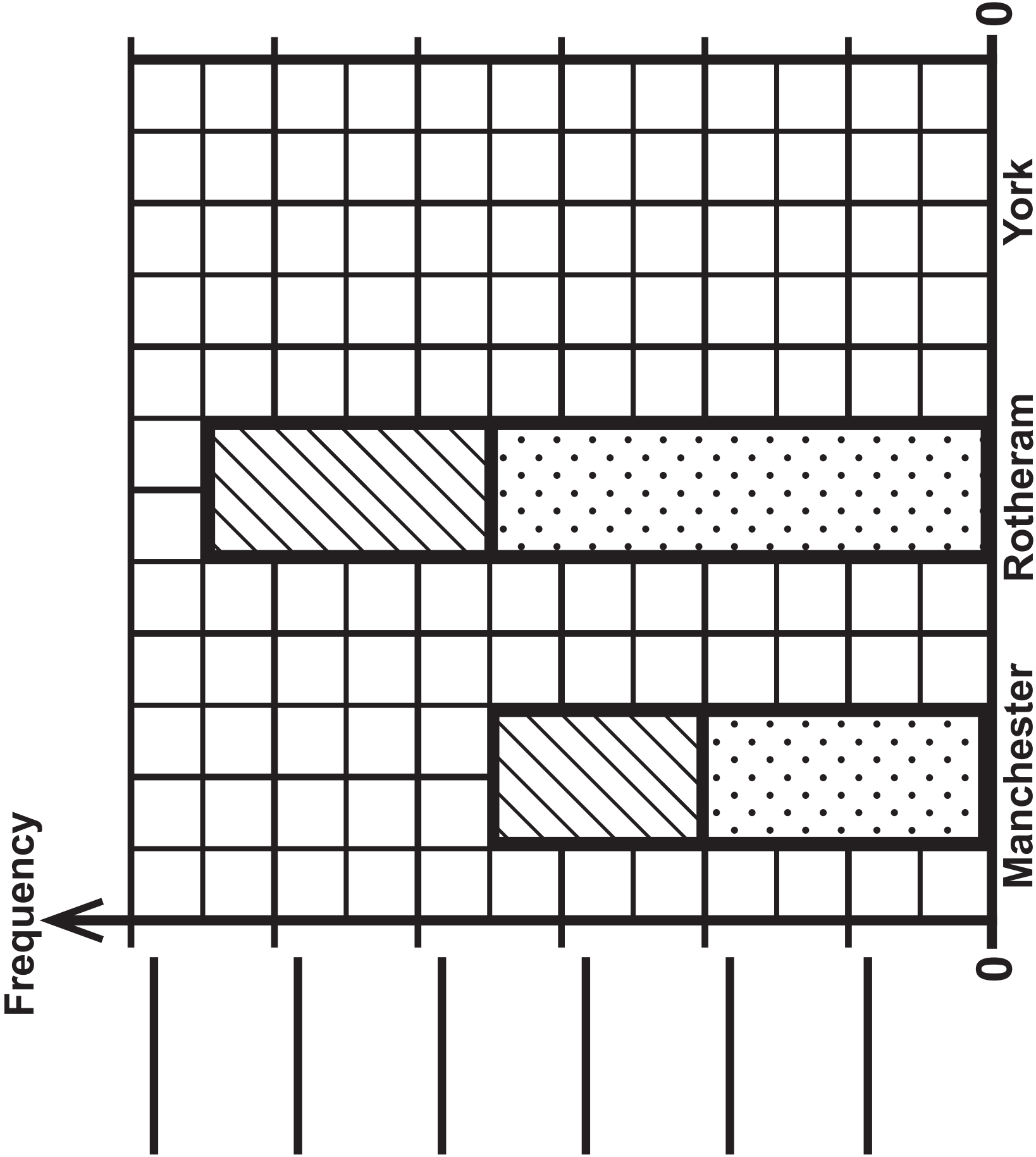
Question 6

KEY:



Question 6

KEY:



Question 9

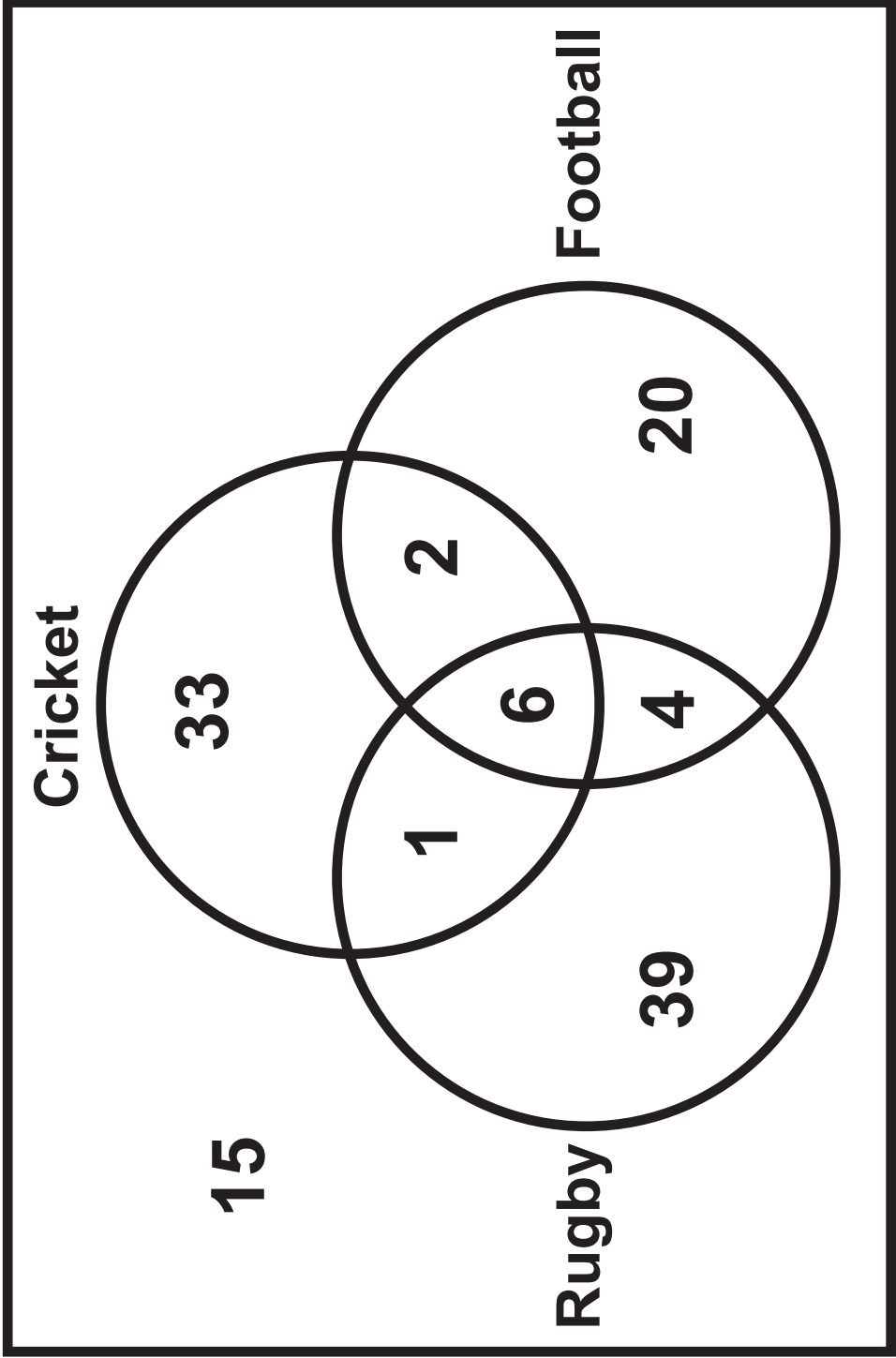
TABLE A

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

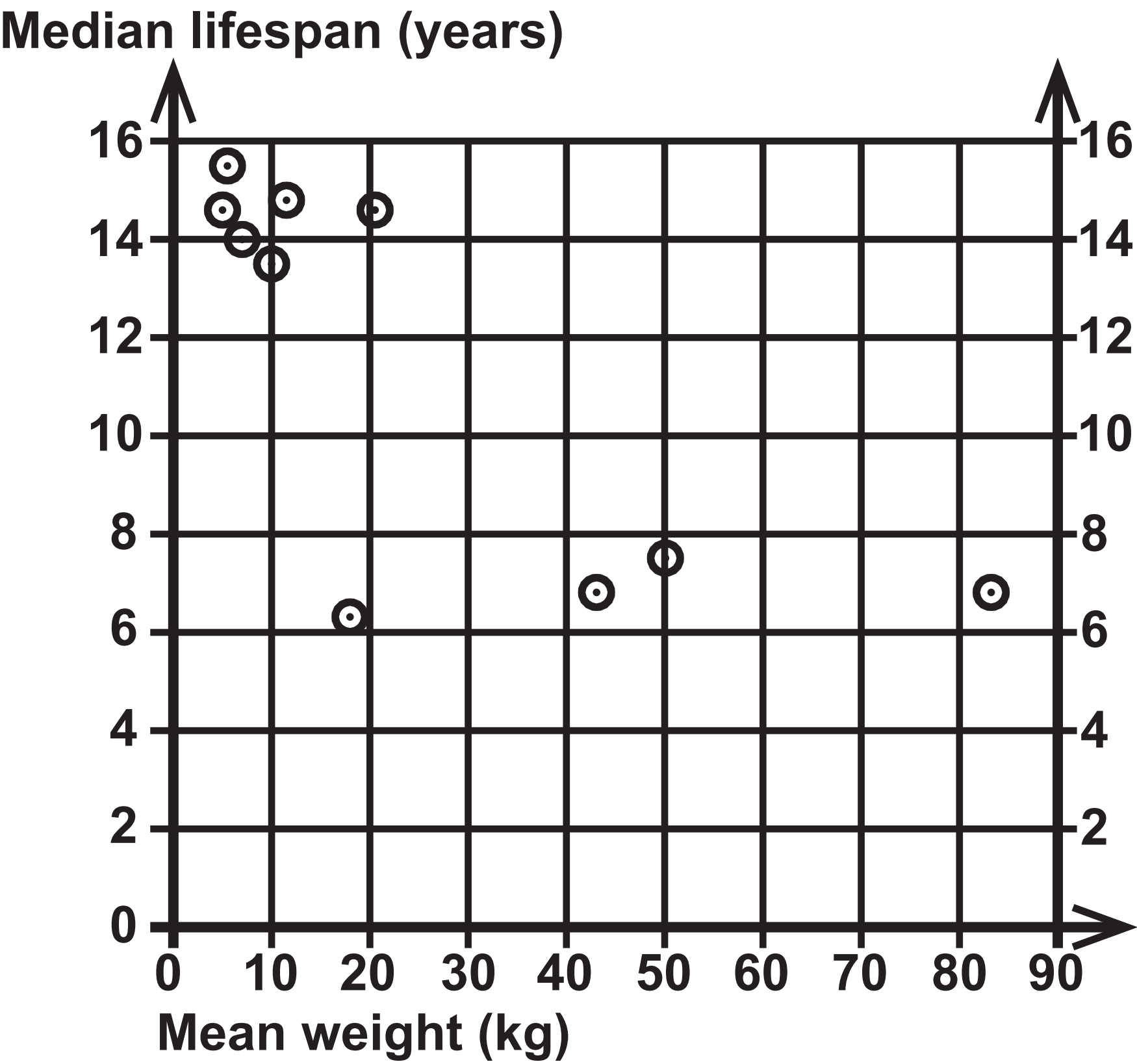
TABLE B

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 10



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:

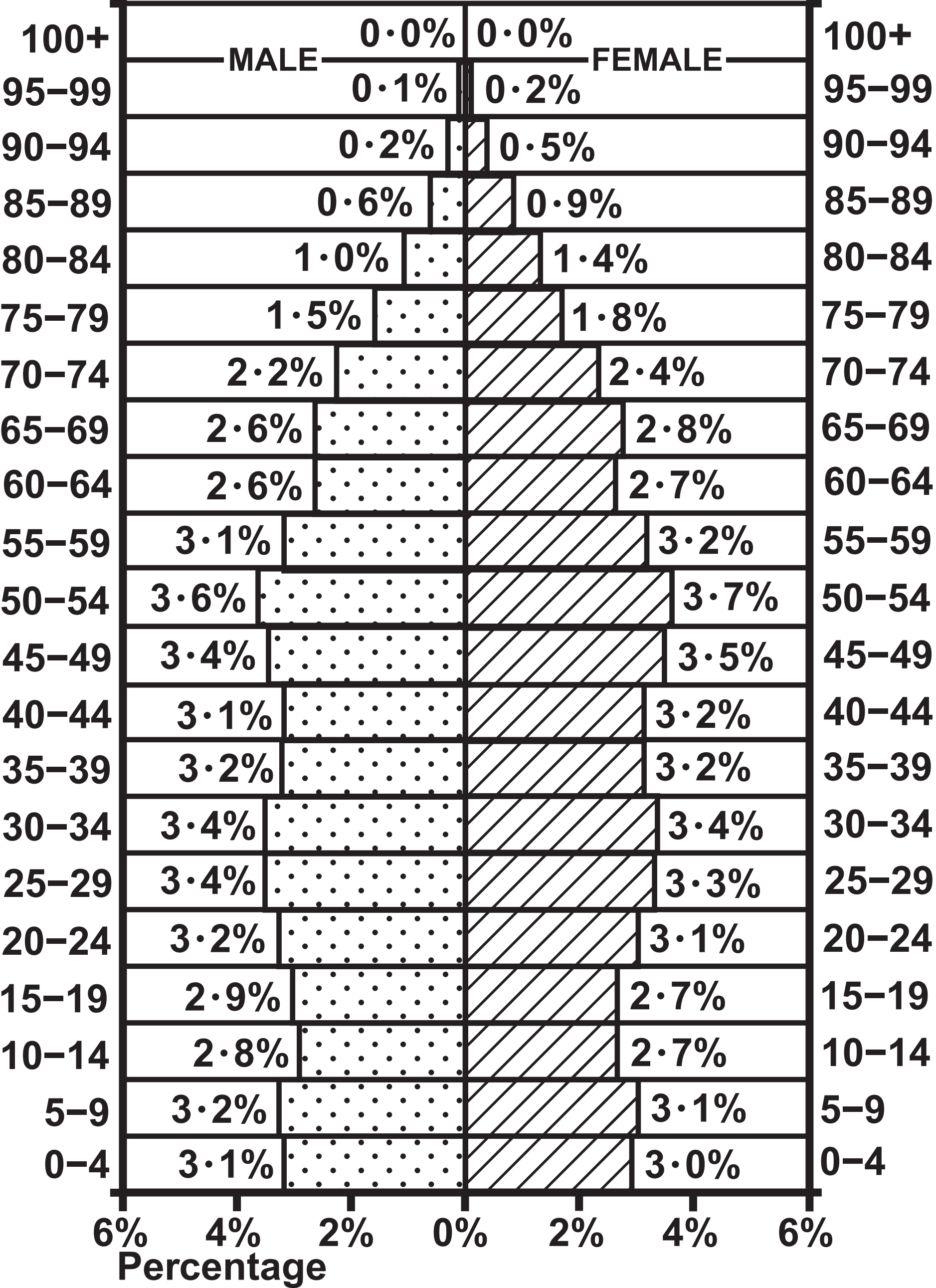
3 | 3 represents 33 cm

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)

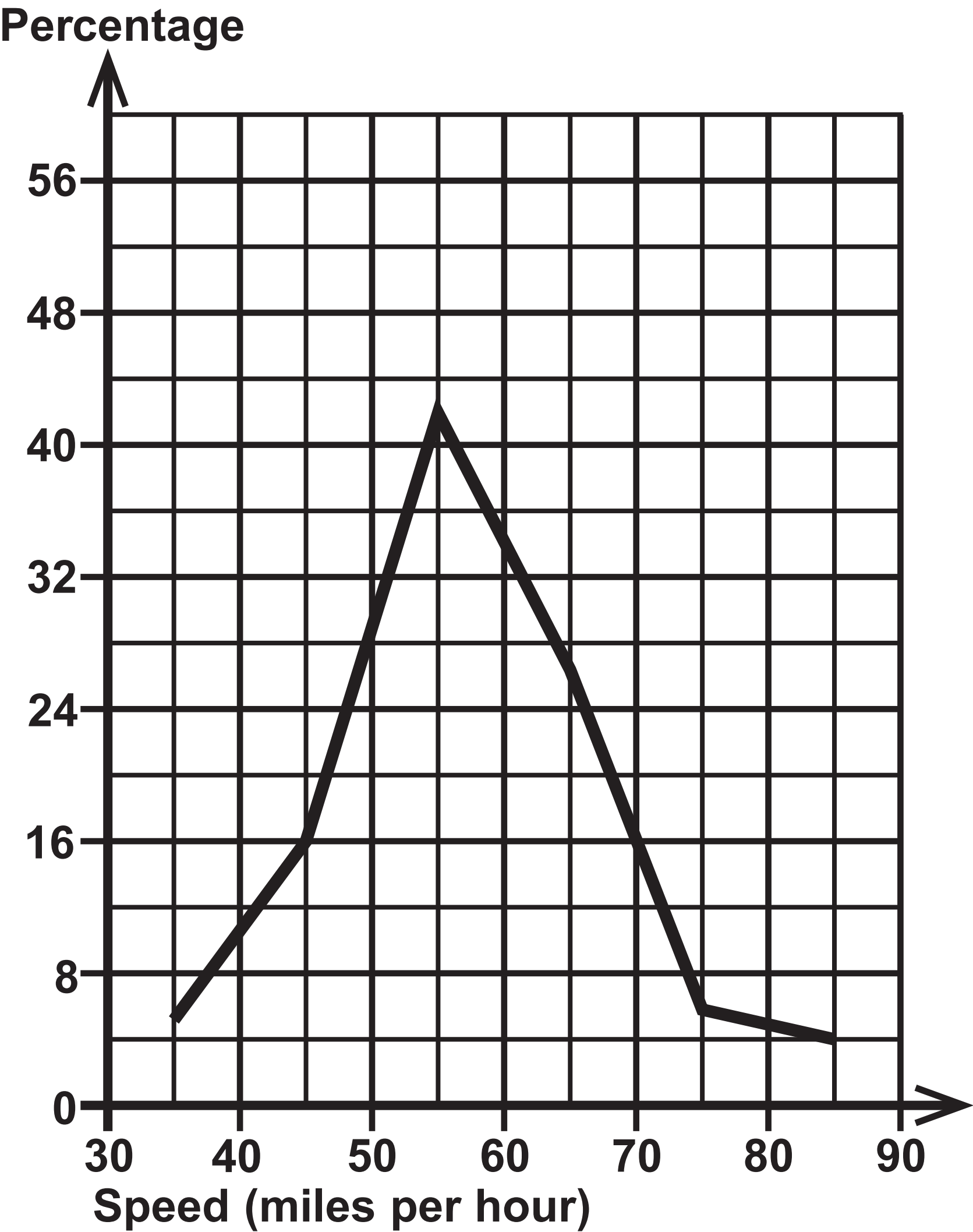
Speed (s miles per hour)	Percentage of cars	Percentage of motorcycles
$30 \leq s < 40$	3	0
$40 \leq s < 50$	18	four
$50 \leq s < 60$	42	8
$60 \leq s < 70$	27	124
$70 \leq s < 80$	6	56
$80 \leq s < 90$		8
Total	100	100



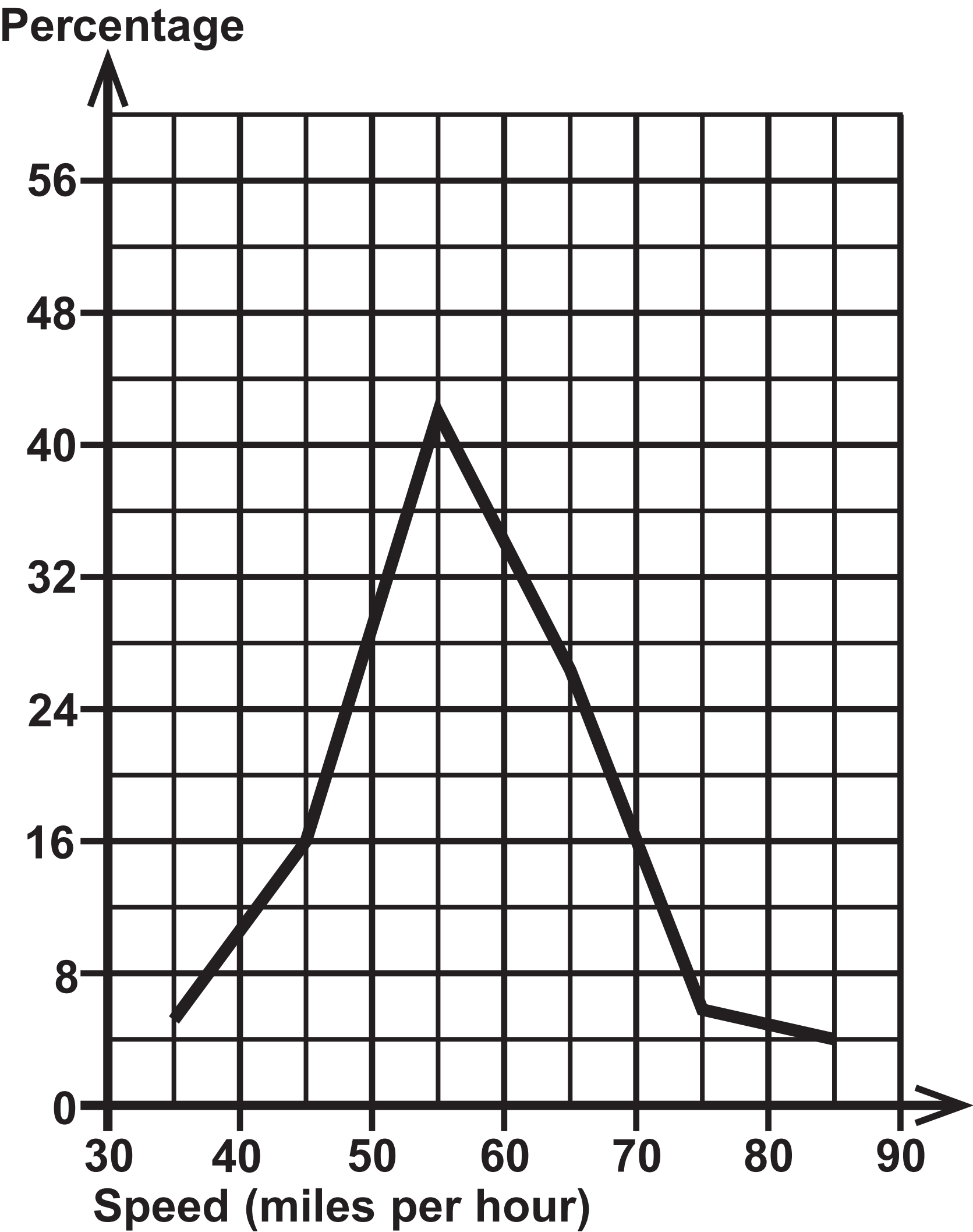
Question 14(c)

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

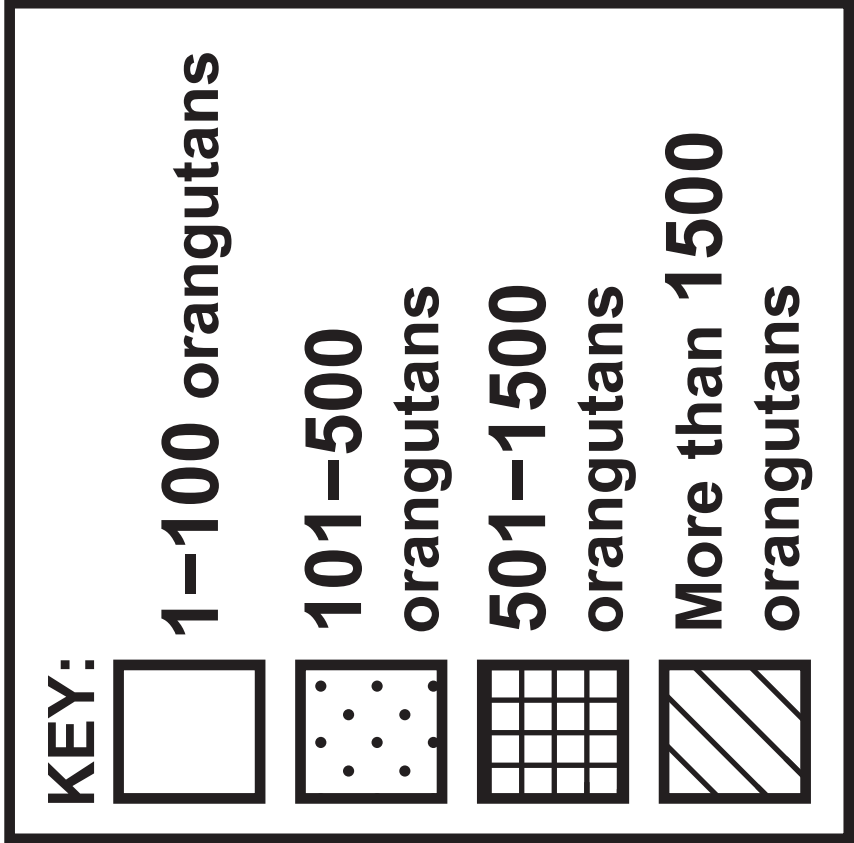
Question 14(d)



Question 14(d)



Question 15



## Sources

### Question 3

(Source: Office for National Statistics)

### Question 4

(Source: [www.worldpopulationreview.com](http://www.worldpopulationreview.com))

### Question 8

(Source: [Wikipedia.org](http://Wikipedia.org))

### Question 11

(Source: adapted from [www.instituteofcaninebiology.org](http://www.instituteofcaninebiology.org))

### Question 13

(Source: [Populationpyramid.net](http://Populationpyramid.net))

(Source: Office for National Statistics)

### Question 15

(Source: [www.researchgate.net](http://www.researchgate.net))