



**Surname** \_\_\_\_\_

**Other Names** \_\_\_\_\_

**Centre Number** \_\_\_\_\_

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**Candidate Number** \_\_\_\_\_

**Candidate Signature** \_\_\_\_\_

**GCSE  
GEOGRAPHY**

**8035/3**

**Paper 3 Geographical Applications**

**Monday 11 June 2018      Afternoon**

**Time allowed: 1 hour 15 minutes**

**At the top of the page, write your surname and other names, your centre number, your candidate number and add your signature.**

**[Turn over]**



J U N 1 8 8 0 3 5 3 0 1

**For this paper you must have:**

- **the Pre-release resources booklet (enclosed)**
- **the OS map legend (enclosed)**
- **a pencil**
- **a rubber**
- **a ruler.**

**You may use a calculator.**

## **INSTRUCTIONS**

- **Use black ink or black ball-point pen.**
- **Answer ALL questions.**
- **You must answer the questions in the spaces provided. Do not write on blank pages.**
- **Do all rough work in this book. Cross through any work you do not want to be marked.**



**INFORMATION**

- **The marks for questions are shown in brackets.**
- **The maximum mark for this paper is 76.**
- **Spelling, punctuation, grammar and specialist terminology will be assessed in Questions 

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2
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 and 

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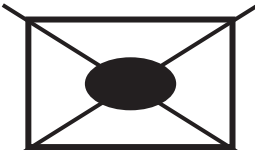
**DO NOT TURN OVER UNTIL TOLD  
TO DO SO**

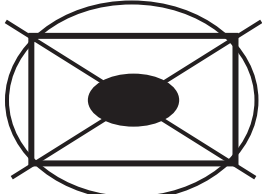


**For the multiple-choice questions, completely fill in the circle alongside the appropriate answer.**

**CORRECT METHOD** 

**WRONG METHODS** 

**If you want to change your answer you must cross out your original answer as shown.** 

**If you wish to return to an answer previously crossed out, ring the answer you now wish to select as shown.** 



**SECTION A Issue evaluation**

**Answer ALL questions in this section.**

**Study FIGURE 1, 'Water in the United Kingdom' in the resources booklet.**

**0 1 . 1**

**Which of the following cities has the highest annual rainfall?**

**Shade ONE circle only.  
[1 mark]**

**A Bristol**

**B Glasgow**

**C Liverpool**

**D London**

**[Turn over]**



**0 1 . 2**

**Give TWO effects of water stress.  
[2 marks]**

**1** \_\_\_\_\_  
\_\_\_\_\_

**2** \_\_\_\_\_  
\_\_\_\_\_

**0 1 . 3**

**‘Water transfer schemes will be essential to meet the growing demand for water in the UK.’**

**Do you agree? Explain your answer.  
[6 marks]**

\_\_\_\_\_  
\_\_\_\_\_













**[Turn over]**



**Study FIGURE 2, 'Managing water demand in Oxfordshire' in the resources booklet.**

**0 2 . 1**

**What is the approximate area of the proposed reservoir as shown on the Ordnance Survey (OS) map extract?**

**Shade ONE circle only.  
[1 mark]**

**A**    **3 km<sup>2</sup>**

**B**    **6 km<sup>2</sup>**

**C**    **6 km<sup>2</sup>**

**D**    **12 km<sup>2</sup>**



**0 2 . 2**

**Describe the relief of the land in the area of the proposed reservoir. [2 marks]**

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**[Turn over]**



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**Give ONE reason why clay is a suitable material on which to build a reservoir.**  
**[1 mark]**

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**Study FIGURE 2, ‘Managing water demand in Oxfordshire’ and FIGURE 3, ‘A new reservoir for Oxfordshire?’ in the resources booklet.**

**03 . 1**

**‘The physical environment provides opportunities for a range of socio-economic activities.’ Use FIGURE 2 and FIGURE 3 to discuss this statement. [6 marks]**

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**[Turn over]**







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**[Turn over]**



**03 . 2**

**Do you think that the proposed reservoir development should go ahead?**

**YES**  **NO**

**TICK the box to show your choice.**

**Use evidence from the resources booklet and your own understanding to explain your choice. [9 marks] [+3 SPaG marks]**

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**SECTION B Fieldwork**

**Answer ALL questions in this section.**

**Study FIGURE 4, information collected by students about visitors to Bournemouth, a coastal town in Dorset.**

**FIGURE 4**

**Survey of 100 people staying in a hotel  
(carried out by questionnaire on a  
Saturday in August)**

<b>Origins of visitors (Where people came from)</b>	
<b>Scotland</b>	<b>4</b>
<b>North East</b>	<b>8</b>
<b>Yorkshire and the Humber</b>	<b>6</b>
<b>East Midlands</b>	<b>14</b>
<b>East Anglia</b>	<b>6</b>
<b>South East</b>	<b>20</b>
<b>South West</b>	<b>12</b>



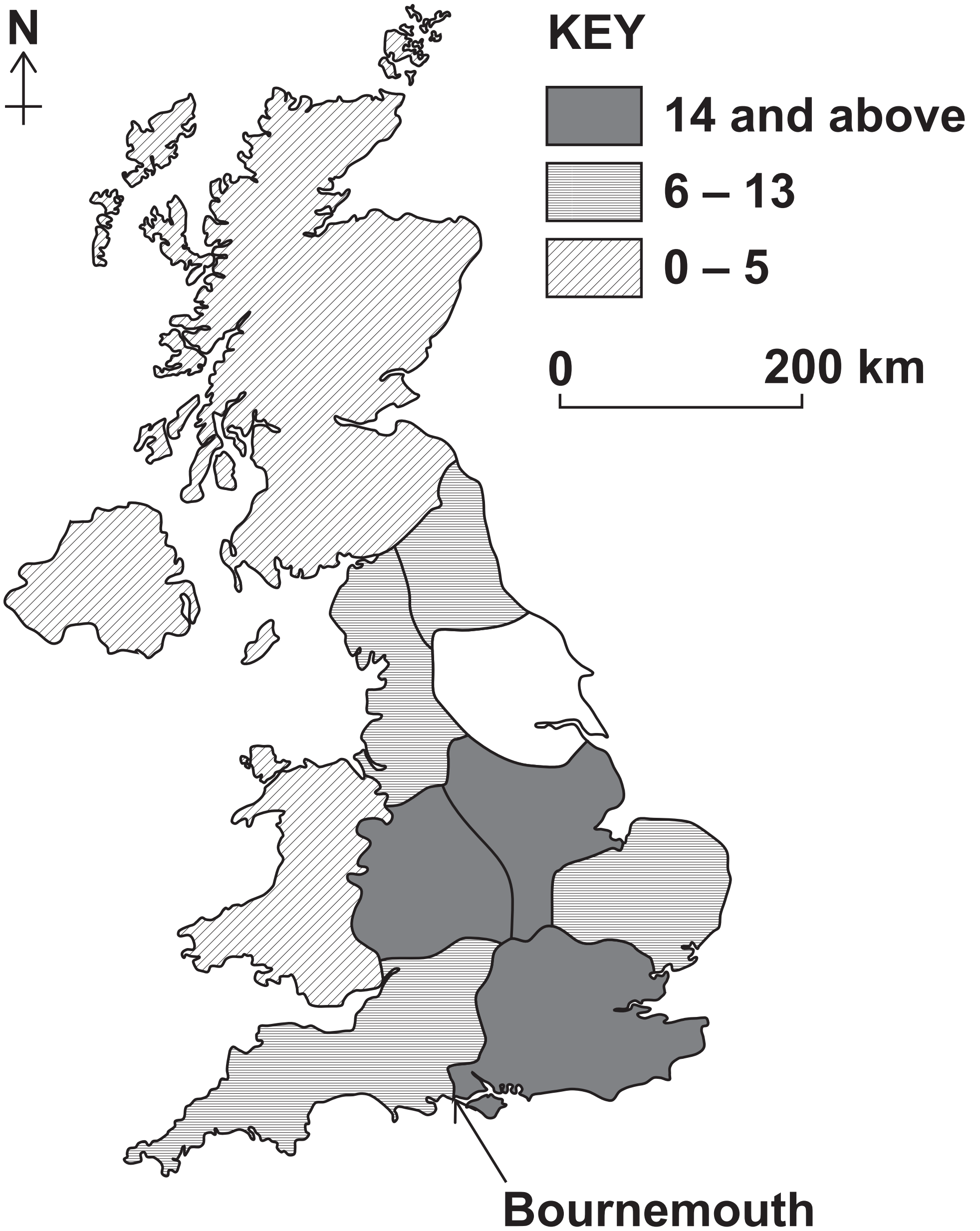
<b>Wales</b>	<b>4</b>
<b>West Midlands</b>	<b>16</b>
<b>North West</b>	<b>8</b>
<b>Northern Ireland</b>	<b>2</b>

<b>Visitor spending</b>	
<b>Accommodation</b>	<b>19%</b>
<b>Shopping</b>	<b>22%</b>
<b>Food and drink</b>	<b>30%</b>
<b>Attractions and entertainment</b>	<b>11%</b>
<b>Travel</b>	<b>15%</b>
<b>Other</b>	<b>3%</b>

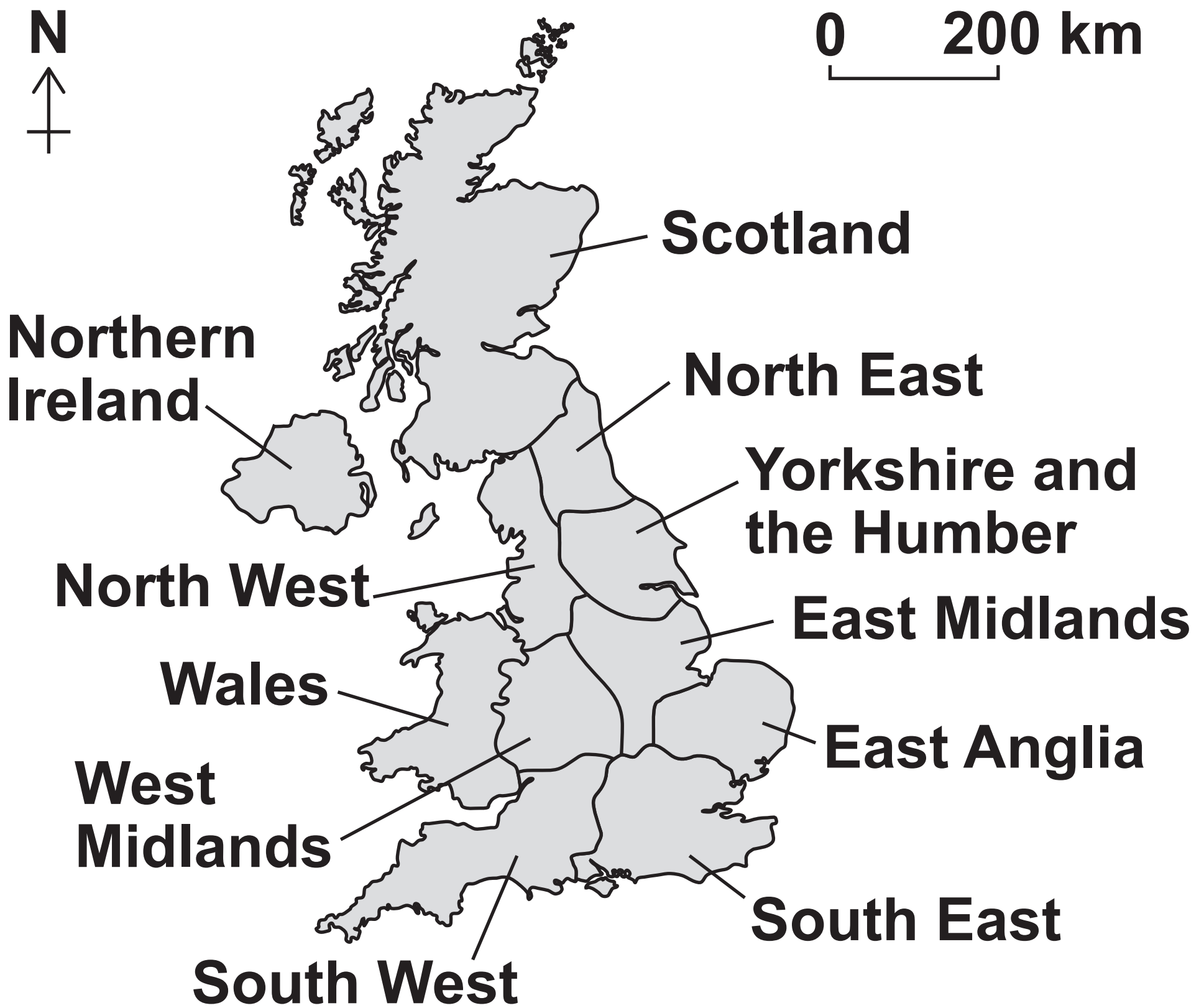
**[Turn over]**



**FIGURE 5**







0 4 . 1

Complete the map on page 24 (FIGURE 5) to show the origin of visitors to Bournemouth using the following data.  
[1 mark]

Yorkshire and the Humber	6%
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[Turn over]



**0 4 . 2**

**Describe the pattern shown by FIGURE 5.  
[2 marks]**

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**0 4 . 3**

**(a) Suggest ONE additional question  
which could be included on the  
visitor survey. [1 mark]**

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**(b) Give ONE reason why your chosen question might provide useful information for the visitor survey.  
[1 mark]**

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**[Turn over]**



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**Study FIGURE 6, information about visitor numbers to the main tourist attractions in a city.**

## **FIGURE 6**

<b>Visitor numbers to main tourist attractions (thousands)</b>	
<b>January</b>	<b>80</b>
<b>February</b>	<b>110</b>
<b>March</b>	<b>120</b>
<b>April</b>	<b>180</b>
<b>May</b>	<b>220</b>
<b>June</b>	<b>230</b>
<b>July</b>	<b>270</b>
<b>August</b>	<b>310</b>
<b>September</b>	<b>200</b>
<b>October</b>	<b>190</b>
<b>November</b>	<b>100</b>
<b>December</b>	<b>120</b>

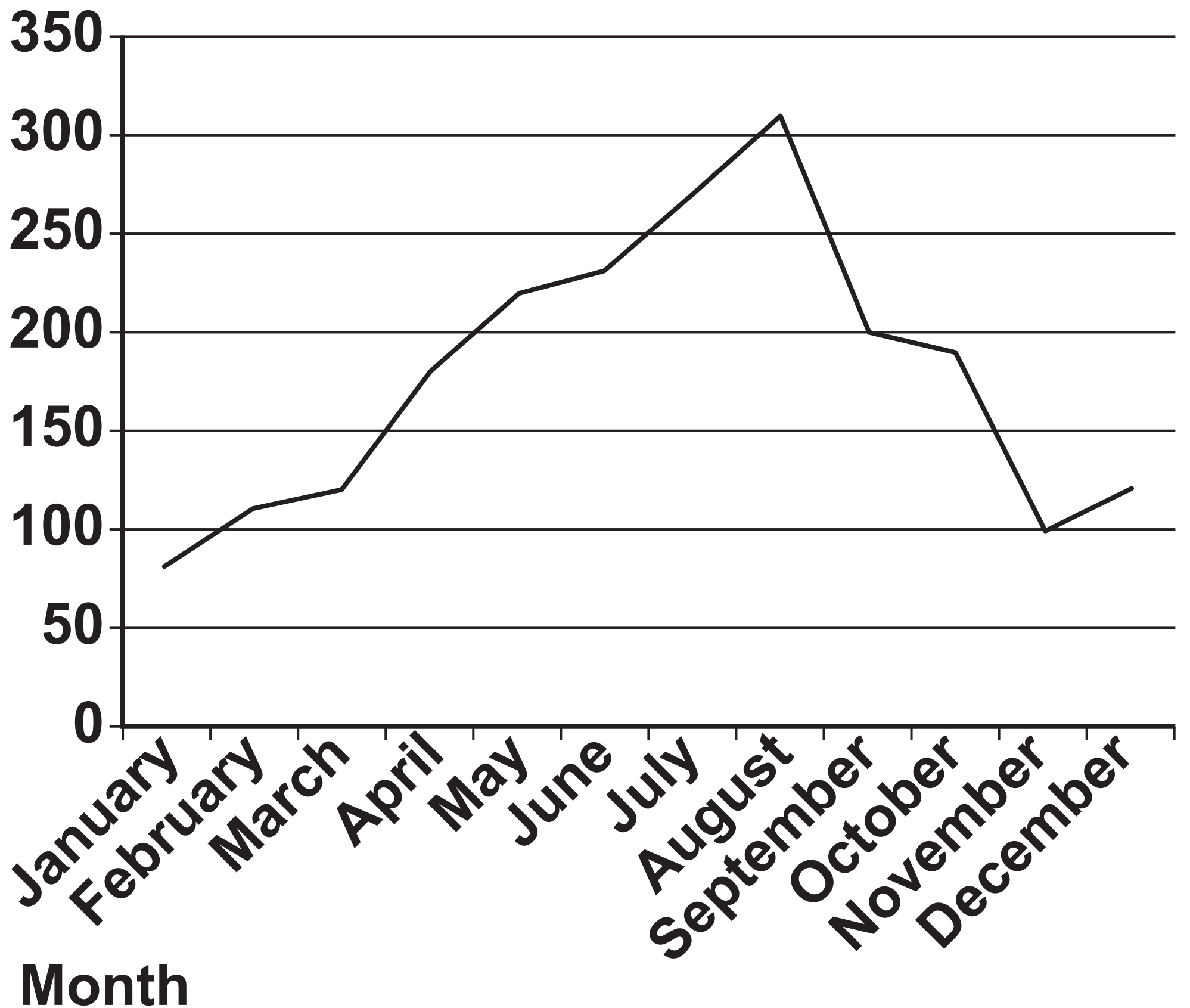
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A student used the following presentation method (FIGURE 7) to show the information in FIGURE 6.

**FIGURE 7**

**Visitor  
numbers**



0	4	.	4
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- (a) Suggest a more appropriate method for presenting the data shown in FIGURE 6. [1 mark]**

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- (b) Give a reason for your choice. [1 mark]**

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**[Turn over]**



As part of a geographical enquiry, students carried out an environmental quality survey in one part of a town centre. The results are shown in **FIGURE 8**.

**FIGURE 8**

	-2	-1	0	+1	+2	
<b>Lots of traffic pollution</b>				✓		<b>No traffic pollution</b>
<b>Lots of litter</b>	✓					<b>No litter</b>
<b>Unattractive buildings</b>					✓	<b>Attractive buildings</b>
<b>Lots of vandalism</b>		✓				<b>No vandalism</b>
<b>No landscaping</b>					✓	<b>Good landscaping</b>





**0 4 . 5**

**What is the total environmental quality score for the area shown in FIGURE 8? [1 mark]**

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**0 4 . 6**

**Suggest ONE advantage and ONE disadvantage of using the technique shown in FIGURE 8 to measure environmental quality. [2 marks]**

**Advantage** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Disadvantage** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**[Turn over]**

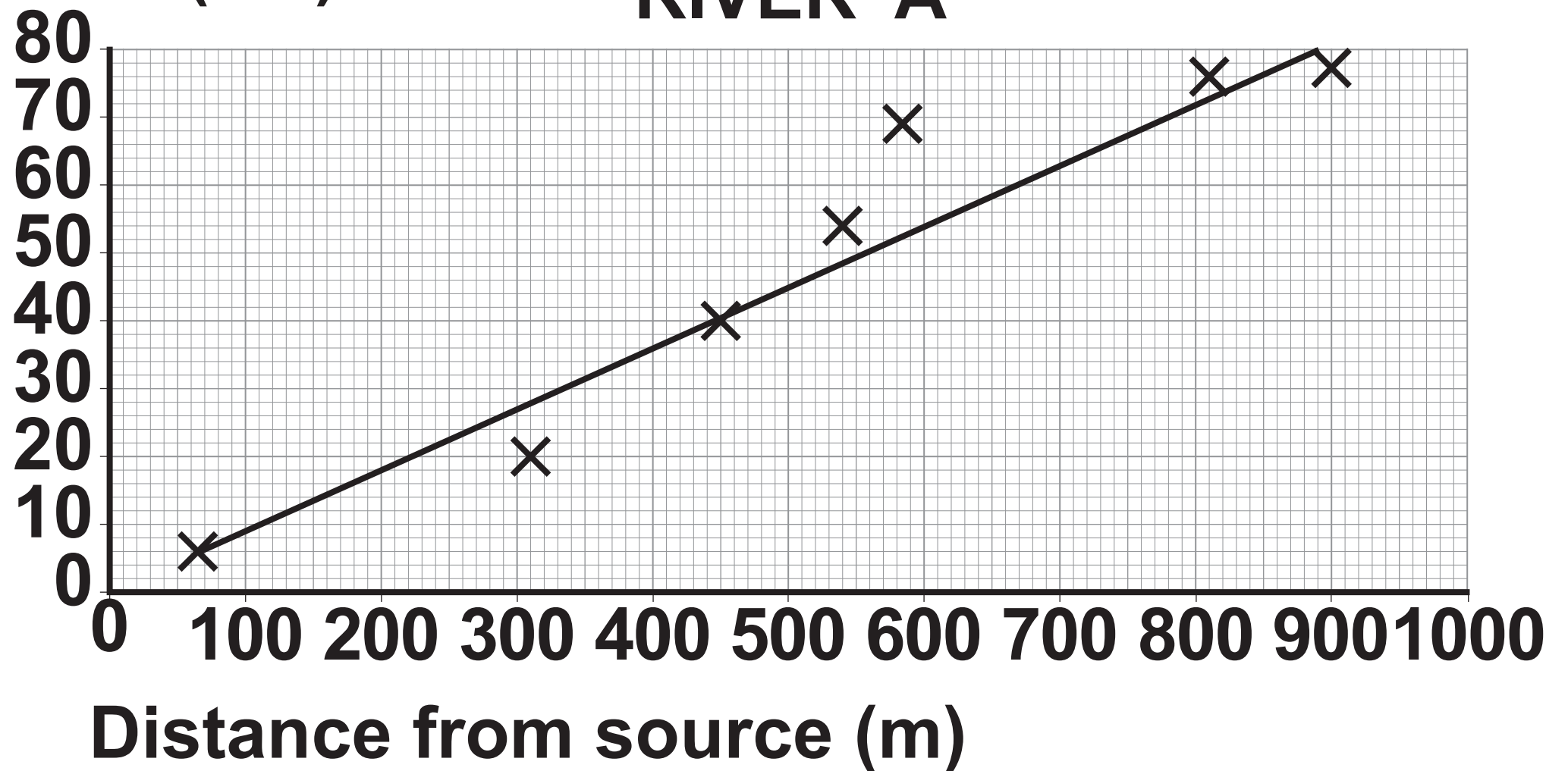


Students studied two different rivers over a distance of 1000 metres. For each river they measured the depth at a number of sites. The results are shown on FIGURE 9.

**FIGURE 9**

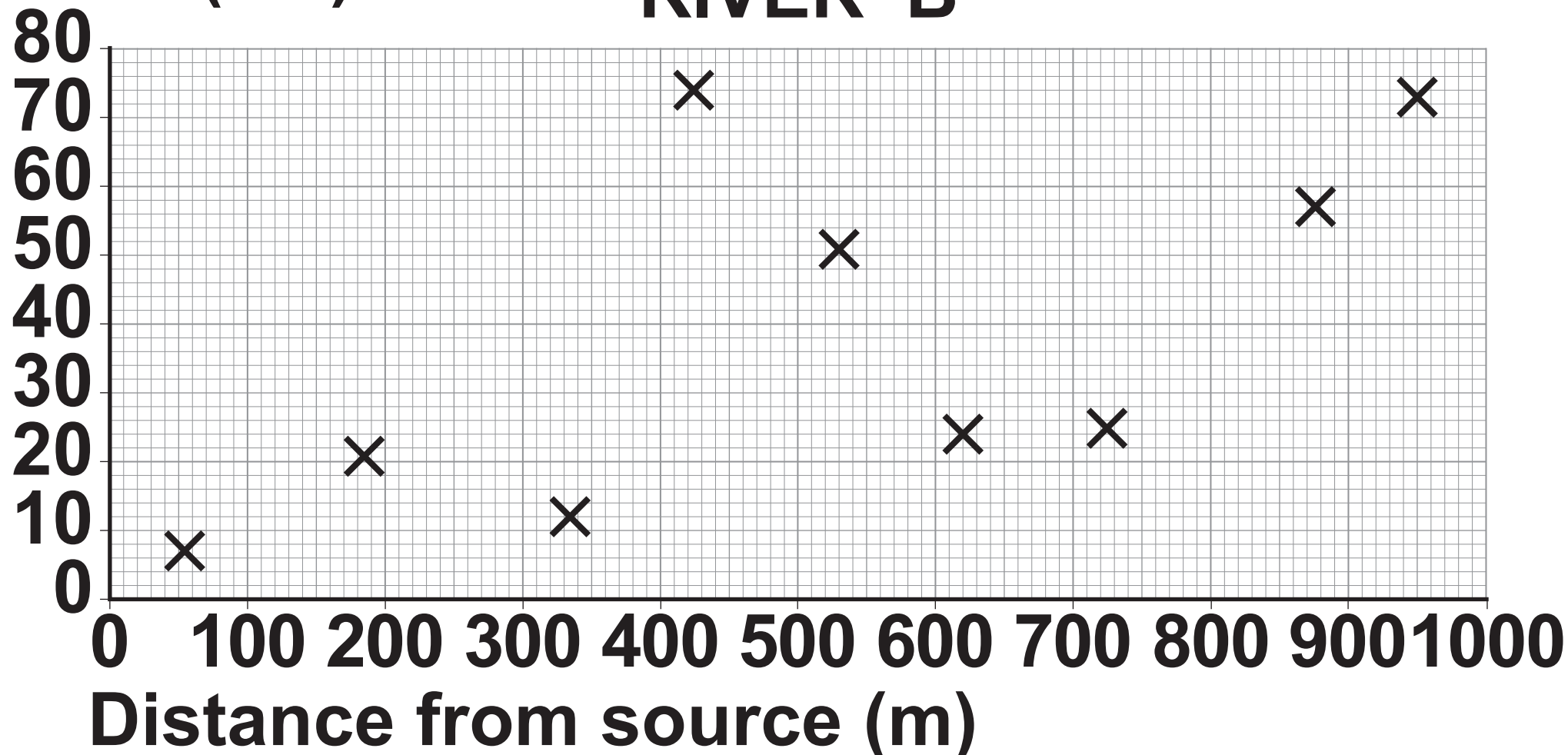
Depth of river (cm)

**RIVER A**



Depth of  
river (cm)

### RIVER B



.

Complete the scattergraph for RIVER B by plotting the following data. [1 mark]

Distance from source – 450 m

Depth of river – 22 cm

.

Draw a line of best fit on the scattergraph for RIVER B. [1 mark]

[Turn over]





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**[Turn over]**



**Write the title of your PHYSICAL geography fieldwork enquiry.**

**Title of fieldwork enquiry**

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**0 5 . 1**

**Explain why the chosen location was suitable for the collection of data.  
[2 marks]**

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**Write the title of your HUMAN geography fieldwork enquiry.**

**Title of fieldwork enquiry**

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**0 5 . 3**

**Explain how ONE data presentation technique used in your HUMAN geography enquiry helped you to interpret the data. [6 marks]**

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**0 5 . 4**

**For ONE of your fieldwork enquiries, assess the extent to which the accuracy of the results and the reliability of the conclusions could be improved.  
[9 marks] [+3 SPaG marks]**

**Title of fieldwork enquiry**

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**[Turn over]**









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**END OF QUESTIONS**



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Question	Mark
1	
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TOTAL	

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## G/KL/Jun18/8035/3/E2



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