



Surname _____

Forename(s) _____

Centre Number _____

Candidate Number _____

Candidate Signature _____

I declare this is my own work.

GCSE

GEOGRAPHY

Paper 3 Geographical Applications

8035/3

Friday 16 June 2023 Afternoon

Time allowed: 1 hour 15 minutes

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

[Turn over]



J U N 2 3 8 0 3 5 3 0 1

For this paper you must have:

- **the Pre-release resources booklet (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.**
- **If you need extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).**
- **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 total number of marks available for this paper is 76.**
- **Spelling, punctuation, grammar and specialist terminology will be assessed in Questions 03 and 05.4.**
- **HIC is a higher income country.**
- **LIC is a lower income country.**
- **NEE is a newly emerging economy.**

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



BLANK PAGE



SECTION A ISSUE EVALUATION

Answer ALL questions in this section.

Study FIGURE 1 on pages 4–13 of the resources booklet, ‘Tourism and development’.

01.1

In 2018, which world region had the largest number of international tourist arrivals? [1 mark]

[Turn over]

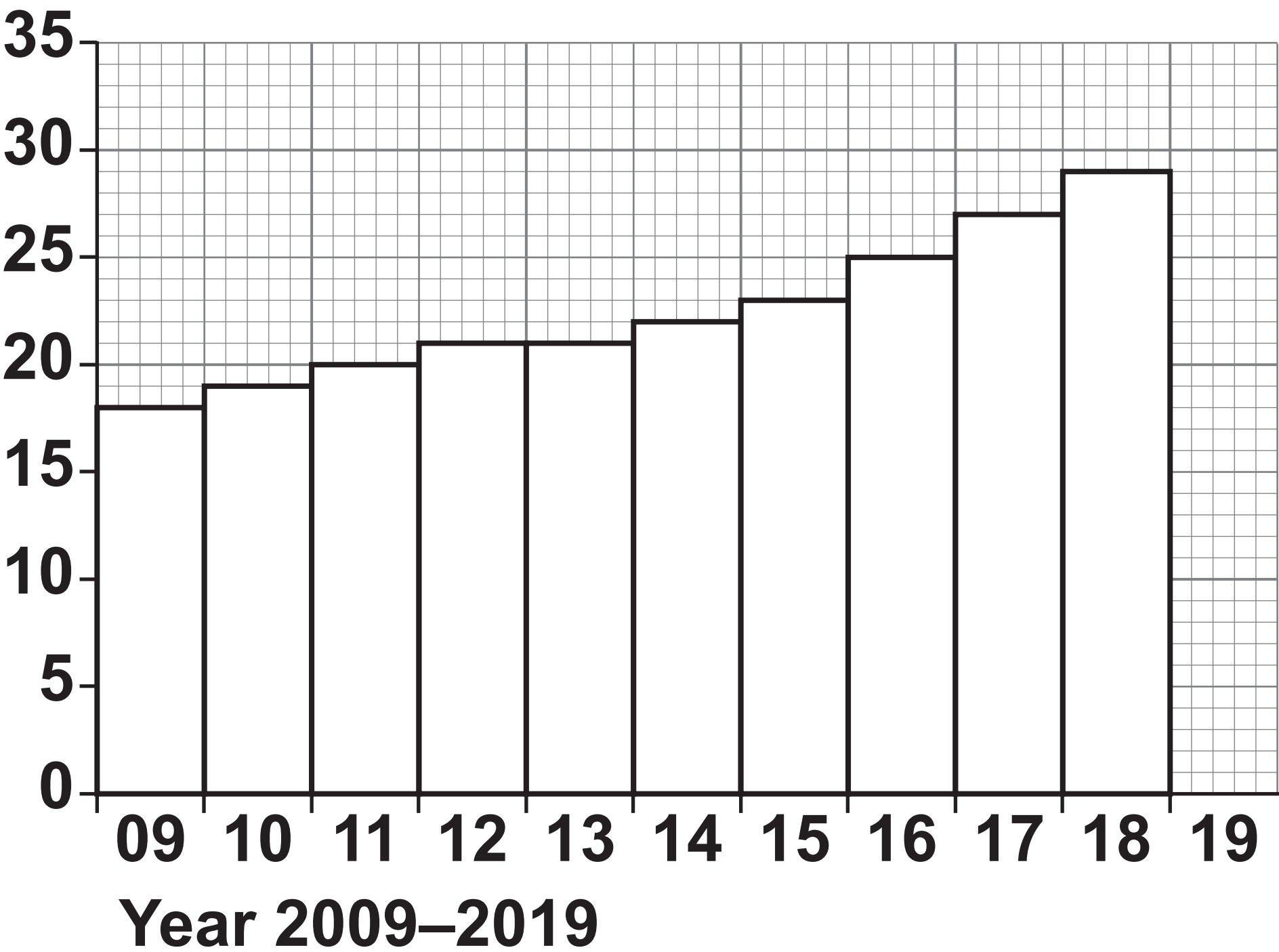


0 1 . 2

Complete the graph below using the following data. [1 mark]

NUMBER OF CRUISE PASSENGERS IN 2019	30 MILLION
-------------------------------------	------------

Number of cruise passengers (millions)



0	1	.	3
---	---	---	---

Complete the following table by calculating the total spending (\$) for an average cruise ship visit. [1 mark]

AVERAGE SPEND PER CRUISE SHIP VISIT (\$)

Passengers	415 320
Crew	112 057
Cruise company	148 618
TOTAL SPENDING	

[Turn over]



0 1 . 4

To what extent can tourism create opportunities for economic development?

[6 marks]

[illegible]





Study FIGURE 2, on pages 14–23 of the resources booklet, ‘A new cruise ship terminal and port for the Cayman Islands’.

[Turn over]

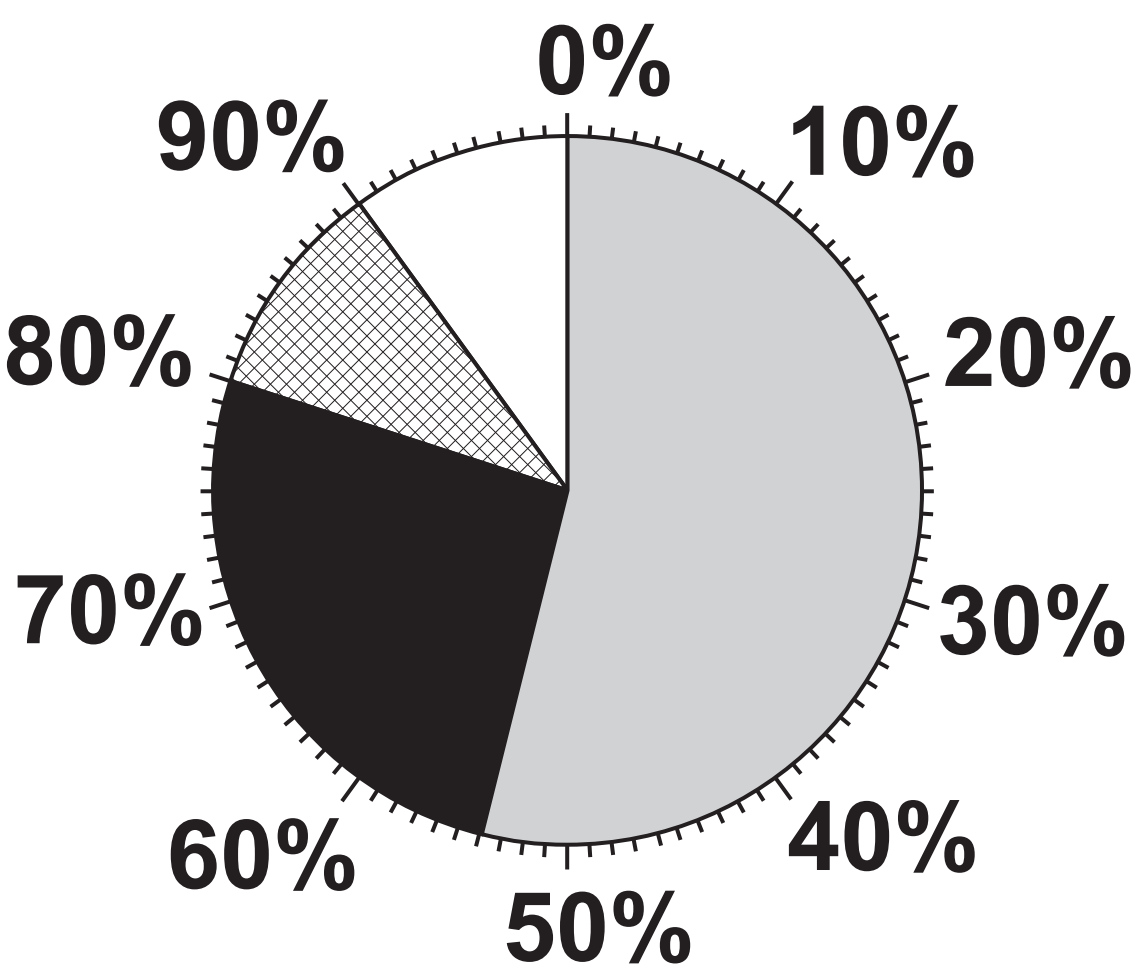


02.1

Complete the pie chart below using the following data. [1 mark]

AUSTRALIA	6%
OTHERS	4%

SOURCE OF CRUISE ARRIVALS
IN THE CARIBBEAN



KEY

- USA

Western Europe
- China

Australia

Others



0	2	.	2
---	---	---	---

Suggest ONE reason why so many visitors to the Cayman Islands come from the USA. [1 mark]

[Turn over]



0	2	.	3
---	---	---	---

‘The cruise industry is an example of a global industry.’

Do you agree? **Yes** ☐ **No** ☐

Tick (✓) the box to show your choice.

Outline ONE reason for your choice.
[2 marks]

BLANK PAGE

[Turn over]



0 2 . 4

Explain how physical and cultural factors are important in attracting visitors to the Cayman Islands. [4 marks]

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

[Turn over]



02.5

Explain why the proposed development in the Cayman Islands is called a ‘multi-use development’. [2 marks]

0	2	.	6
---	---	---	---

Suggest why the development of tourism is an example of an economic versus environmental issue. [6 marks]

[Turn over]



20

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

16



Study FIGURE 3, on pages 24–35 of the resources booklet, ‘Different views about the proposed cruise ship and port facility in Grand Cayman’.

[Turn over]



0	3
---	---

Do you think that the cruise ship terminal and port facility development proposed by the Cayman Island government in 2019 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 answer. [9 marks] [+3 SPaG marks]



[illegible]

[Turn over]



24

[illegible]

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

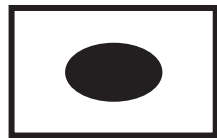
[End of Section A]

[Turn over]

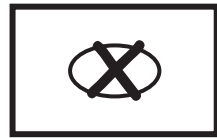


For the multiple-choice questions, shade the circle next to the correct answer.

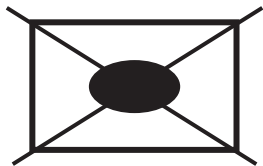
CORRECT METHOD



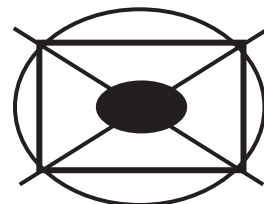
WRONG METHODS



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 B FIELDWORK

Answer ALL questions in this section.

A student wanted to investigate the pattern of house prices in their local town.

To complete the enquiry, the student collected information from estate agents about the price of three-bedroom houses in seven different areas (A–G).

0 4 . 1

Complete FIGURE 4, on page 28, using the following data. [1 mark]

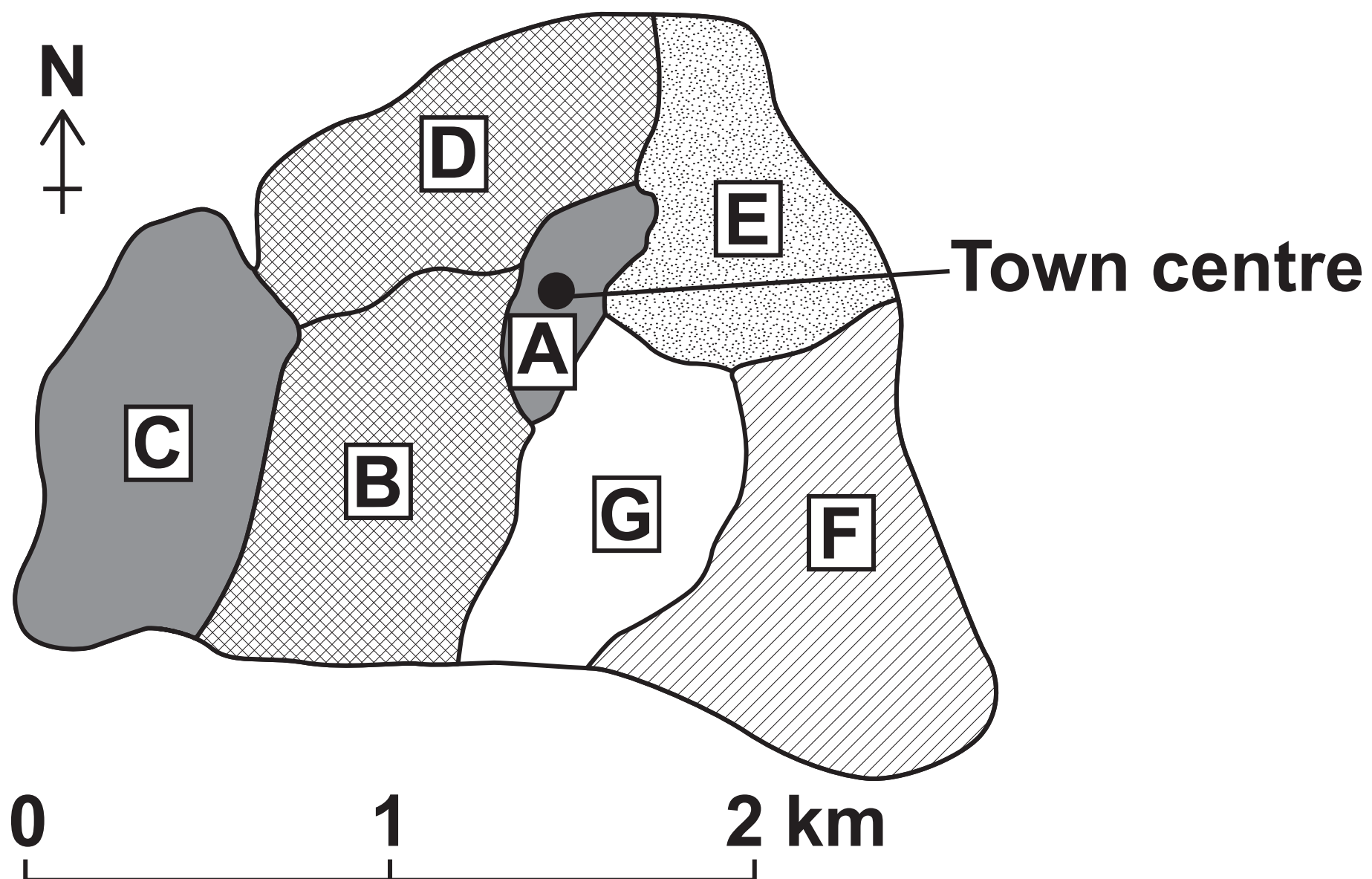
AVERAGE HOUSE PRICE IN AREA G	£148 200
--	-----------------

[Turn over]



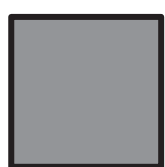
Study **FIGURE 4**, a map showing the results of the house price survey.

FIGURE 4

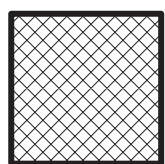


KEY

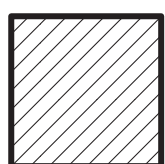
Average house price



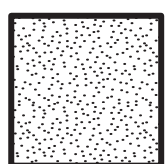
Over £250 000



£200 000 – £250 000



£150 000 – £199 999



Under £150 000

Areas **A – **G****



0	4	.	2
---	---	---	---

Suggest what the map shows about the pattern of house prices in the town.
[2 marks]

[Turn over]



04.3

Suggest TWO ways that the house price survey could be adapted to make it more useful. [2 marks]

1 _____

2 _____

BLANK PAGE

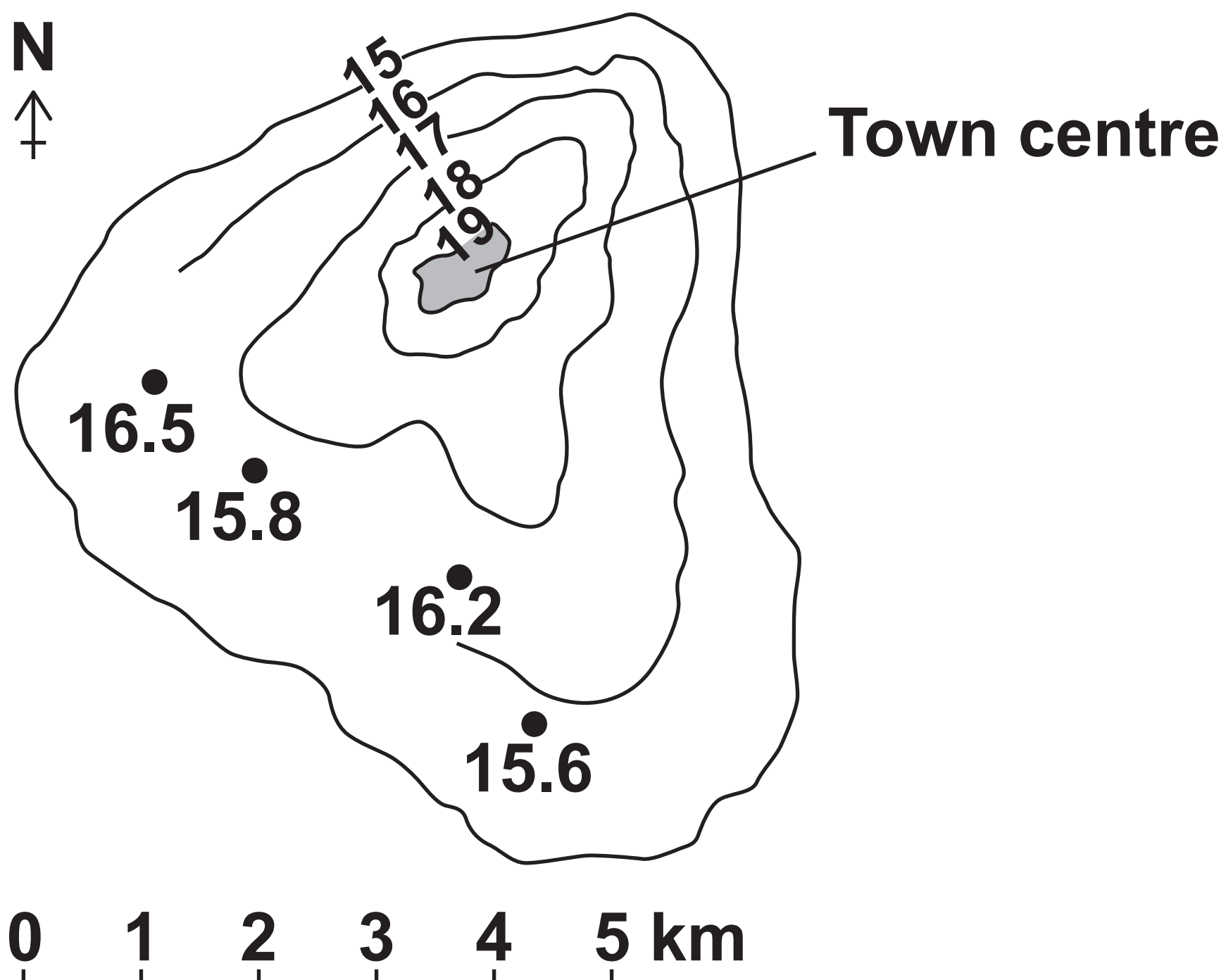
[Turn over]



A group of students wanted to investigate variations in temperature in their local area.

To do this, each student measured the temperature in a different place at the same time on one day in the month of June.

FIGURE 5



KEY • Temperature reading ($^{\circ}\text{C}$)
 —15— Isoline ($^{\circ}\text{C}$)



Study FIGURE 5, opposite, an isoline map showing the results of the temperature survey.

0 4 . 4

Complete the isoline map for 16 °C on FIGURE 5. [1 mark]

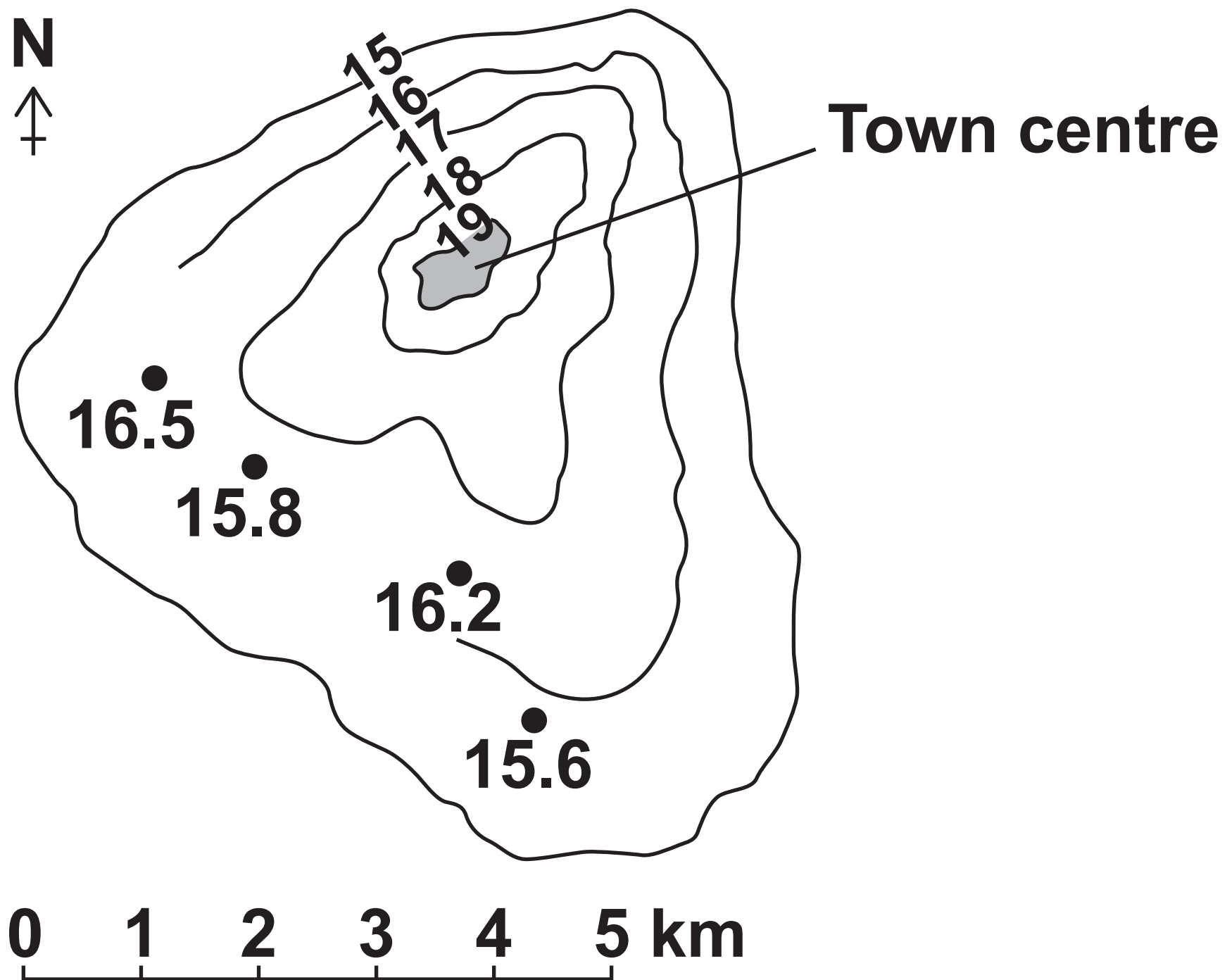
0 4 . 5

Describe the pattern shown by the isoline map (FIGURE 5). [2 marks]

[Turn over]



FIGURE 5 is repeated here.



KEY • Temperature reading ($^{\circ}\text{C}$)
 —15— Isoline ($^{\circ}\text{C}$)

04.6

Which of the following would be an appropriate alternative way of presenting the data shown on FIGURE 5, opposite?

Shade ONE circle only. [1 mark]

☐

A Desire line map

☐

B Dot map

☐

C Flow line map

☐

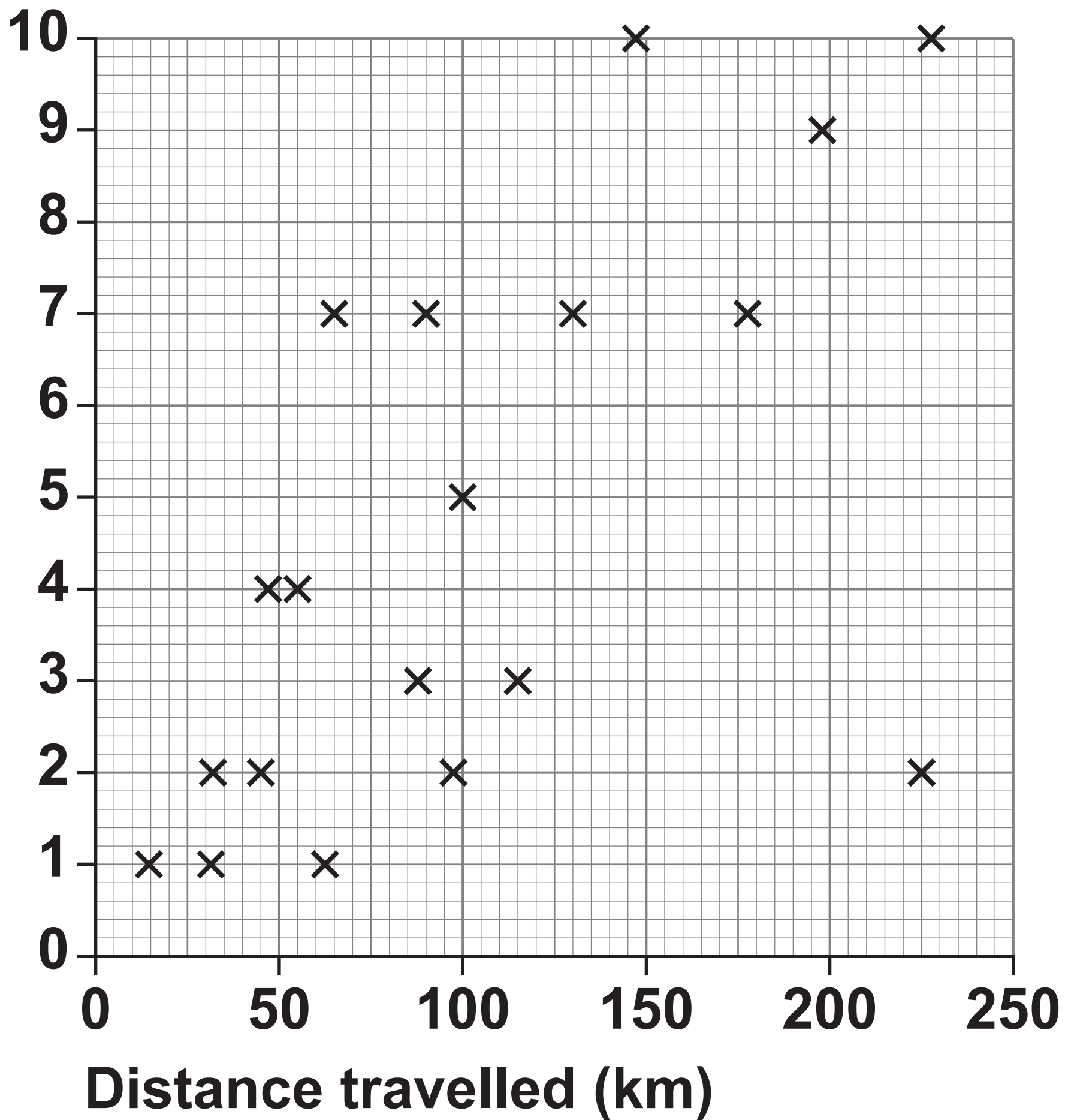
D Proportional symbol map

[Turn over]



FIGURE 6

Number of days spent
in the coastal town



A student wanted to investigate tourism in their local coastal town by testing the hypothesis that, ‘The further visitors travelled the longer they stayed’.

For one part of the enquiry, the student asked twenty visitors how far they had travelled and how long they were staying in the town.

Study FIGURE 6, opposite, a scattergraph showing the results from this part of the enquiry.

0 4 . 7

Complete FIGURE 6 by adding the following data. [1 mark]

DISTANCE TRAVELLED	180 km
NUMBER OF DAYS SPENT IN THE COASTAL TOWN	5 days

[Turn over]



0 4 . 8

To what extent does the data shown in **FIGURE 6**, on page 36, prove the original hypothesis, ‘The further visitors travelled the longer they stayed’? [4 marks]

[Turn over]



0	4	.	9
---	---	---	---

The student decided to write a questionnaire in order to collect additional information about visitors to the coastal town.

**Suggest and justify ONE question that the student might use in their questionnaire.
[2 marks]**

Question



Justification

[Turn over]



Write the title of your HUMAN geography fieldwork enquiry.

TITLE OF HUMAN FIELDWORK ENQUIRY

0	5	.	1
---	---	---	---

Suggest ONE reason why the chosen location was suitable for data collection in your HUMAN geography enquiry.
[2 marks]

[Turn over]



Write the title of your PHYSICAL geography fieldwork enquiry.

TITLE OF PHYSICAL FIELDWORK ENQUIRY



05.2

Justify ONE primary data collection method used in your PHYSICAL geography enquiry. [3 marks]

[Turn over]



0	5	.	3
---	---	---	---

Assess the effectiveness of your data presentation technique(s) in your PHYSICAL geography enquiry. [6 marks]

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

[Turn over]



0 5 . 4

For ONE of your fieldwork enquiries, to what extent did the data collected help you to obtain accurate results and reach a valid conclusion(s)?
[9 marks] [+3 SPaG marks]

TITLE OF FIELDWORK ENQUIRY



[illegible]

[Turn over]



50

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

END OF QUESTIONS



Additional page, if required. Write the question numbers in the left-hand margin.

[illegible]

Additional page, if required. Write the question numbers in the left-hand margin.

[illegible]

BLANK PAGE

For Examiner's Use	
Question	Mark
1	
2	
3	
4	
5	
TOTAL	

Copyright information

For confidentiality purposes, all acknowledgements of third-party copyright material are published in a separate booklet. This booklet is published after each live examination series and is available for free download from www.aqa.org.uk.

Permission to reproduce all copyright material has been applied for. In some cases, efforts to contact copyright-holders may have been unsuccessful and AQA will be happy to rectify any omissions of acknowledgements. If you have any queries please contact the Copyright Team.

Copyright © 2023 AQA and its licensors. All rights reserved.

G/KL/Jun23/8035/3/E2

