



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

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

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

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

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

**I declare this is my own work.**

**Functional Skills Level 2**

**MATHEMATICS**

**Paper 1 Non-Calculator**

**8362/1**

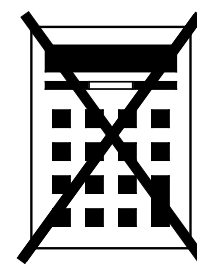
**Time allowed: 30 minutes**

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

**[Turn over]**



**For this paper you must have:**  
• **mathematical instruments.**  
**You must NOT use a calculator.**



## **INSTRUCTIONS**

- **Use black ink or black ball-point pen. Draw diagrams in pencil.**
- **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.**

- **State the units of your answer where appropriate.**

## **INFORMATION**

- **The marks for questions are shown in brackets.**
- **The maximum mark for this paper is 20.**
- **You may ask for more answer paper, graph paper and tracing paper. These must be tagged securely to this answer book.**

## **ADVICE**

**In all calculations, show clearly how you work out your answer.**

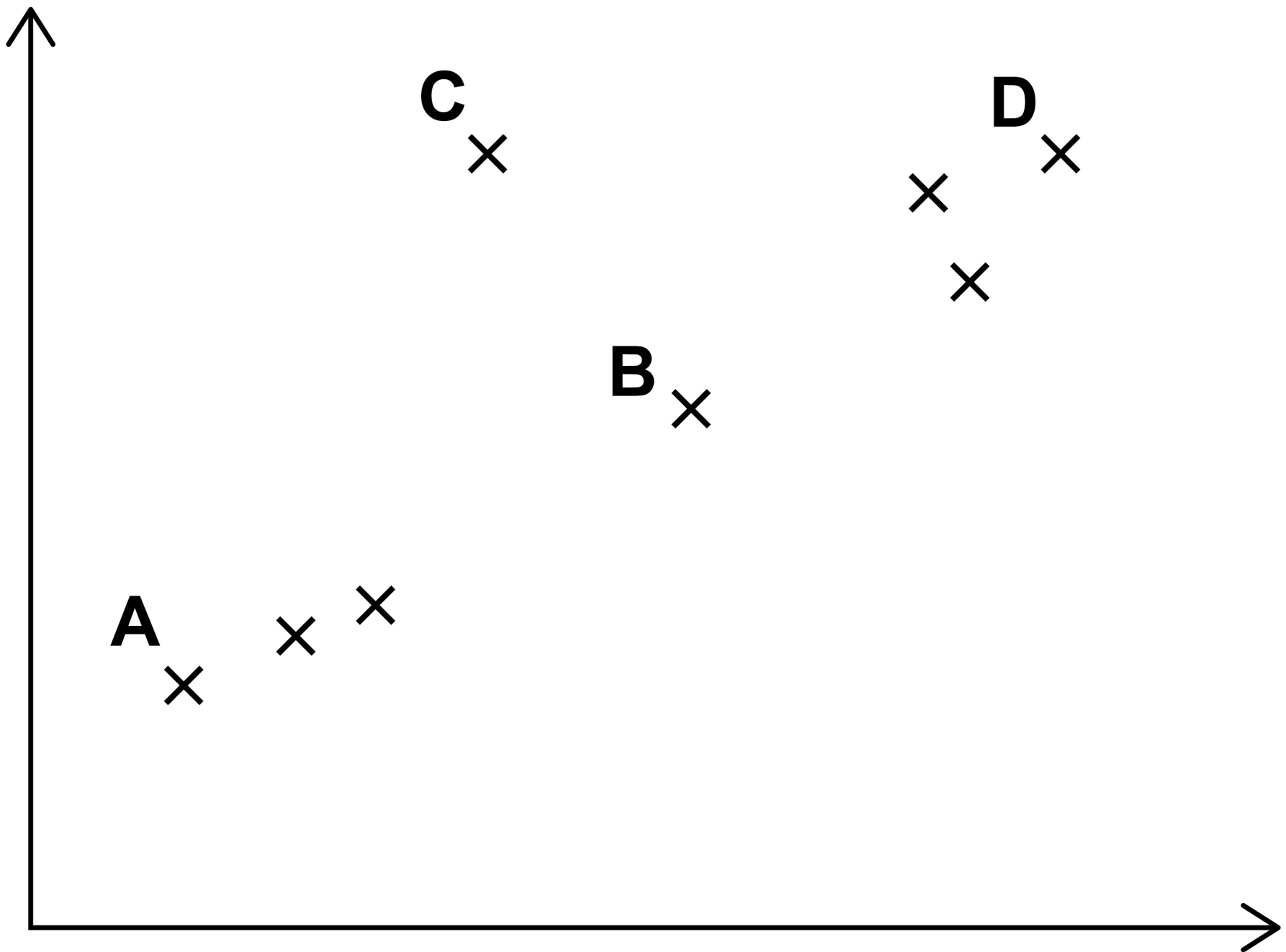
**DO NOT TURN OVER UNTIL TOLD TO DO SO**



## SECTION A

**Answer ALL questions in the spaces provided.**

**1 Here is a scatter diagram.**



**Four of the points are labelled.**

**Which one of these points is an outlier?**

**Circle your answer. [1 mark]**

**A**

**B**

**C**

**D**

**2 Work out  $942\,795 - 350\,823$**   
**[1 mark]**

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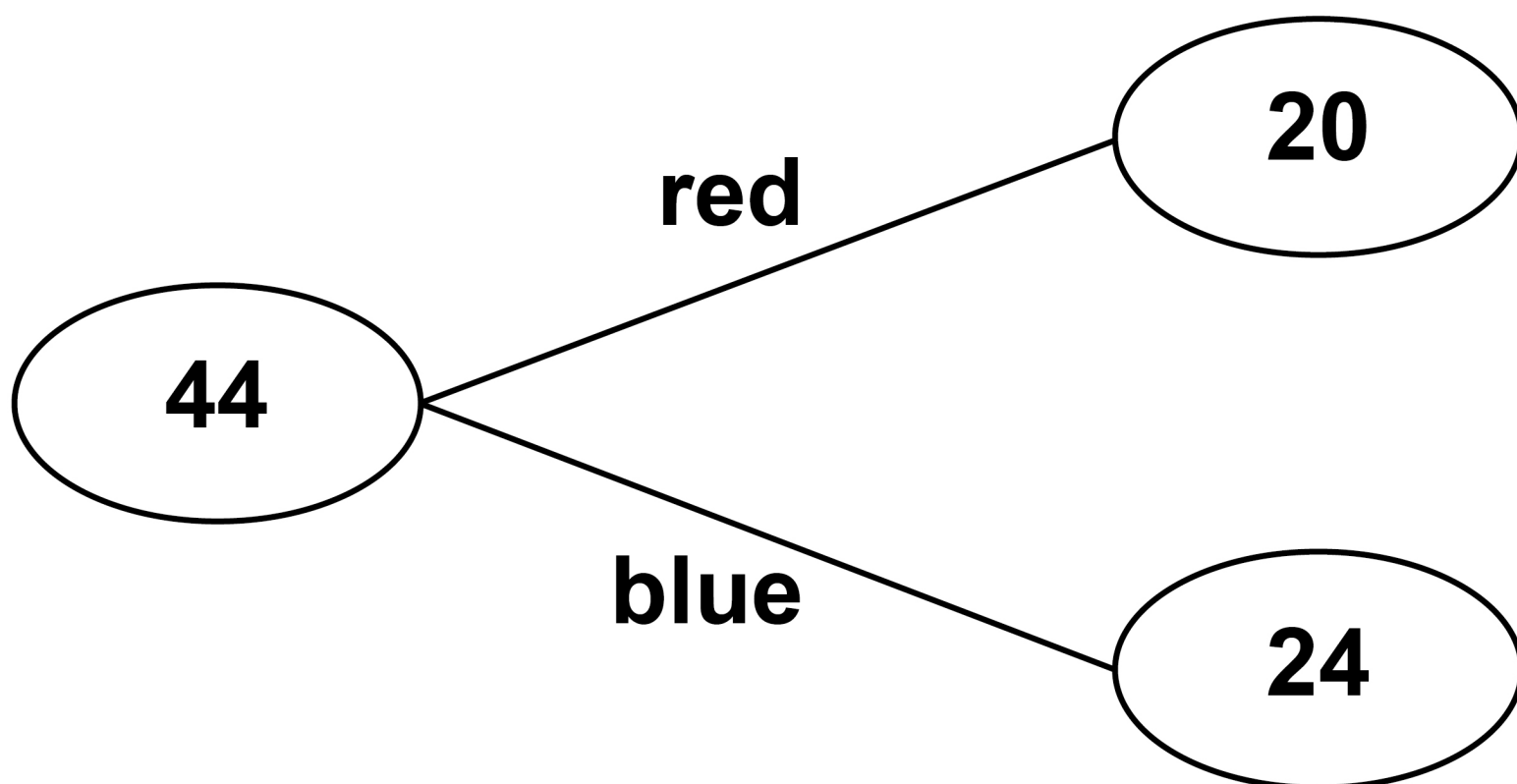
**Answer** \_\_\_\_\_

**[Turn over]**



- 3 The frequency tree shows information about the colour of 44 items.**

**One of the items is chosen at random.**



**Work out the probability that the item is BLUE.**

**Give your answer as a fraction in its simplest form. [2 marks]**

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**Answer**

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**[Turn over]**



**4 Work out 19% of 150 [2 marks]**

[illegible]

## Answer

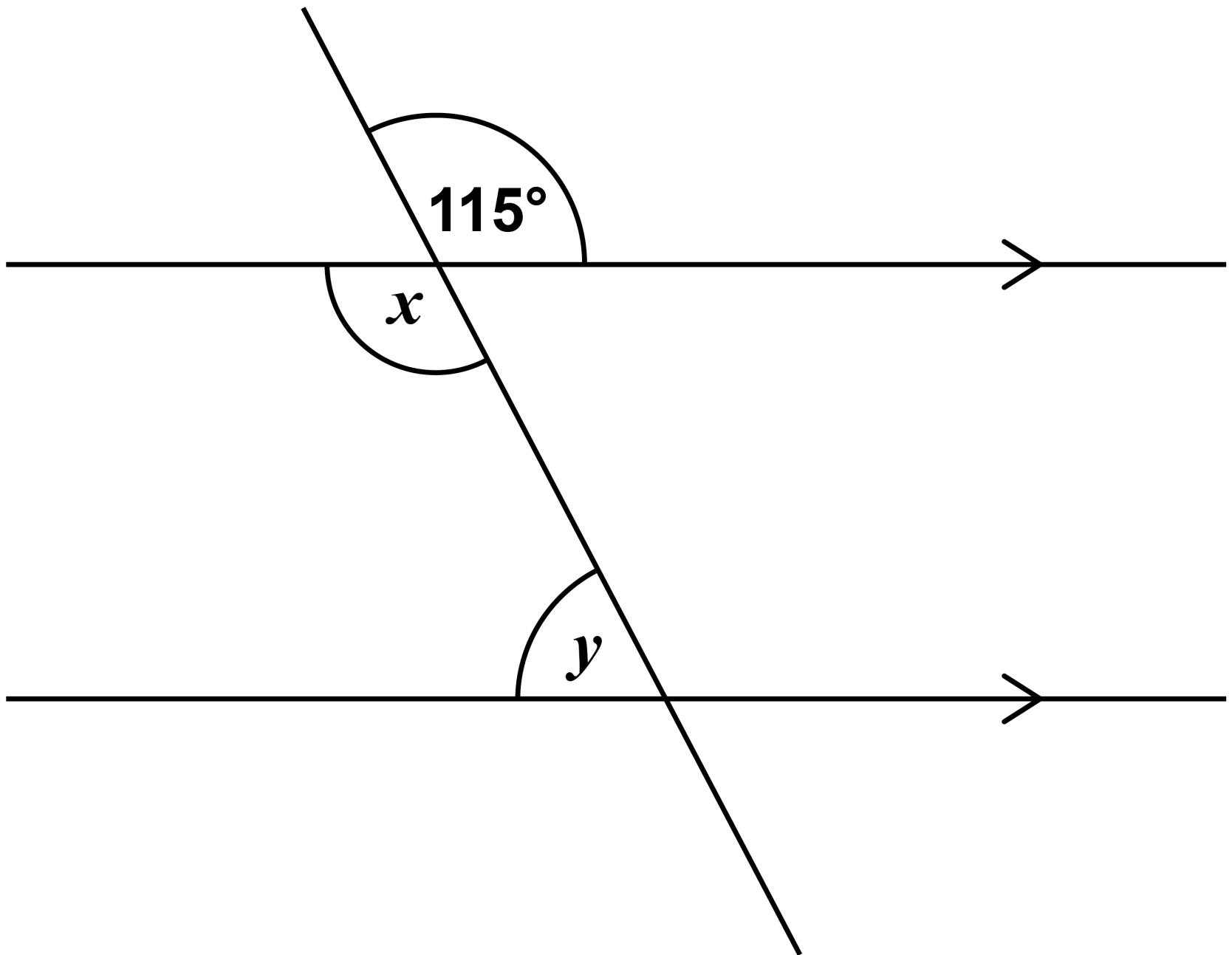




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**[Turn over]**





**The diagram is not drawn accurately.**

**Work out the size of angle  $x$  and the size of angle  $y$ . [2 marks]**

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$x =$  \_\_\_\_\_  $\circ$

$y =$  \_\_\_\_\_  $\circ$

[Turn over]

8



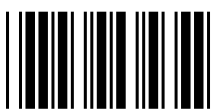
## **SECTION B**

**Answer ALL questions in the spaces provided.**

### **6 BABY**

**Jo has a baby.**

**She calls the baby Ella.**



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**[Turn over]**



**6 (a) The graph, on the opposite page, can be used to convert between grams and ounces.**

**At birth, Ella weighed 3.5 kg**

**Did Ella weigh MORE THAN 8 pounds?**

**Use 1 pound = 16 ounces**

**You MUST show your working. [4 marks]**

**14**

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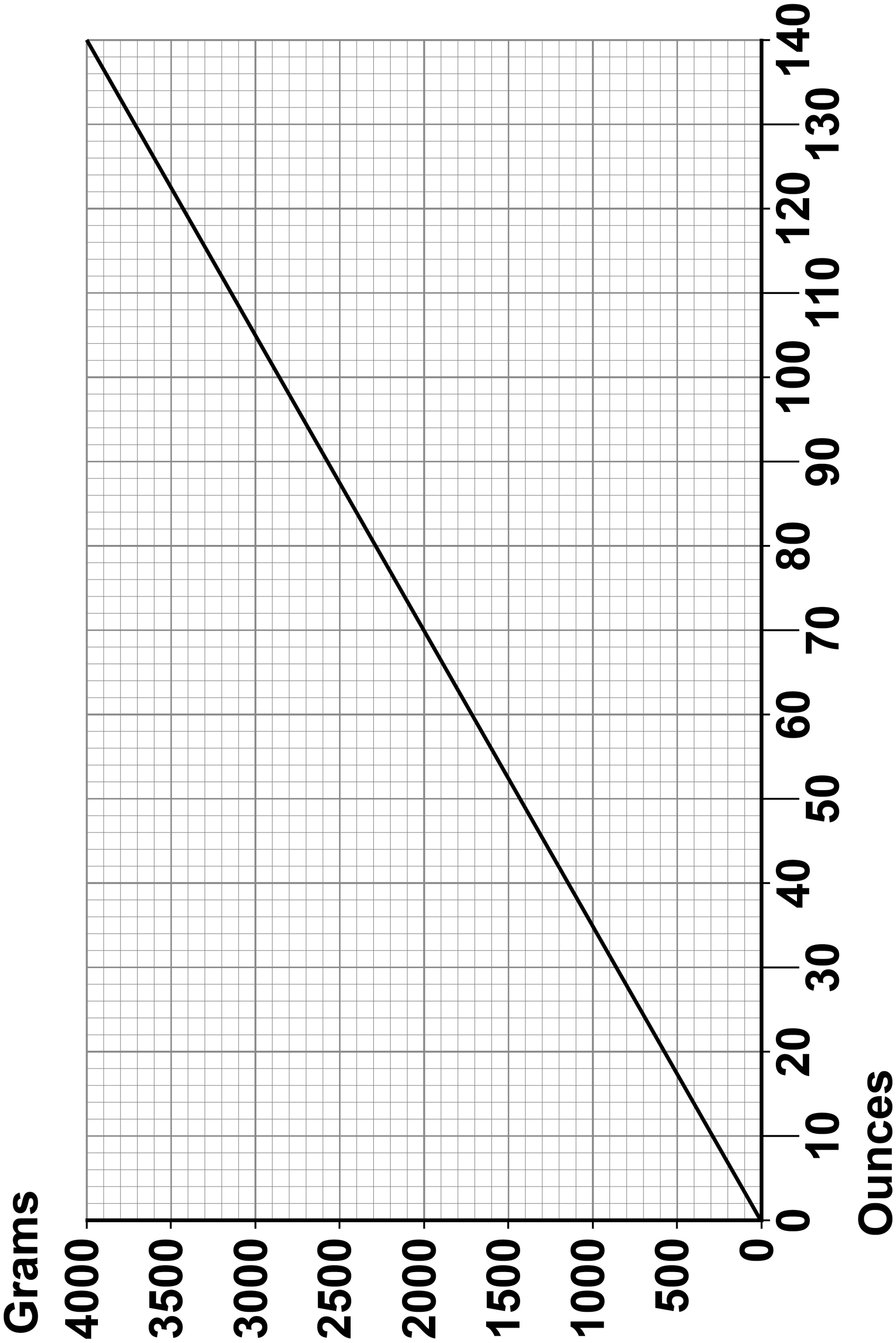
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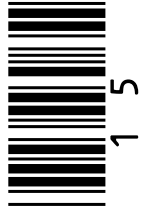
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[Turn over]



**6(b) Here are the birth weights of 7 other babies born on the same day as Ella.**

<b>Weight (kg)</b>	<b>2.3</b>	<b>2.5</b>	<b>2.7</b>	<b>3.6</b>	<b>4</b>	<b>4</b>	<b>4</b>
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**Jo's mum says,**

**“Ella's weight of 3.5 kg is more than the average weight of the other 7 babies.”**

**Jo says,**

**“It depends on which type of average you use.”**

**Show that Jo is correct. [4 marks]**

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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]**



**6(c) Jo sees this special offer on a pack of nappies.**

**$\frac{1}{3}$  off usual price**

**Nappies**

**Pack of 25**

**Usual price £6.75**

**Jo normally buys nappies that cost 21p each.**

**How much will Jo save PER NAPPY by buying this pack?**

**You MUST show your working.  
[4 marks]**

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# 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]

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For Examiner's Use	
Question	Mark
1–5	
6	
TOTAL	

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