

Please write clearly in block capitals.

Centre number

Candidate number

Surname _____

Forename(s) _____

Candidate signature _____

I declare this is my own work.

Functional Skills Level 2 MATHEMATICS

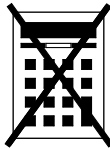
Paper 1 Non-Calculator

Time allowed: 30 minutes

Materials

For this paper you must have:

- mathematical instruments.
- You must **not** use a calculator.



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

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 outside the box around each page or 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.

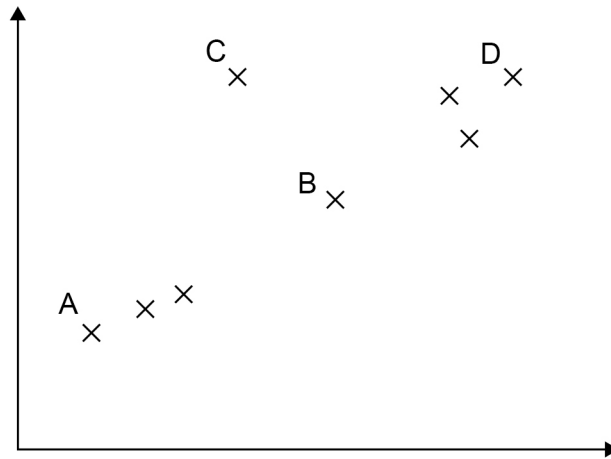
Advice

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



Section AAnswer **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

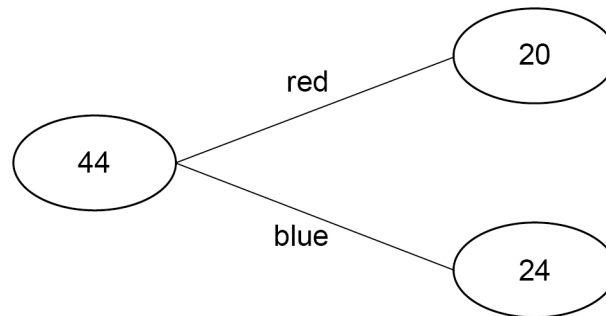
- 2** Work out $942\,795 - 350\,823$

[1 mark]

Answer _____



- 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]

Answer _____

- 4 Work out 19% of 150

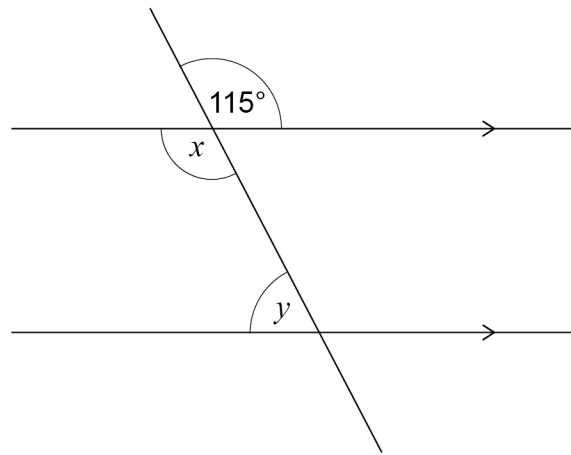
[2 marks]

Answer _____

Turn over ►



5

Not drawn
accuratelyWork out the size of angle x and the size of angle y .**[2 marks]**

$$x = \underline{\hspace{2cm}}^\circ$$

$$y = \underline{\hspace{2cm}}^\circ$$

8

Section B

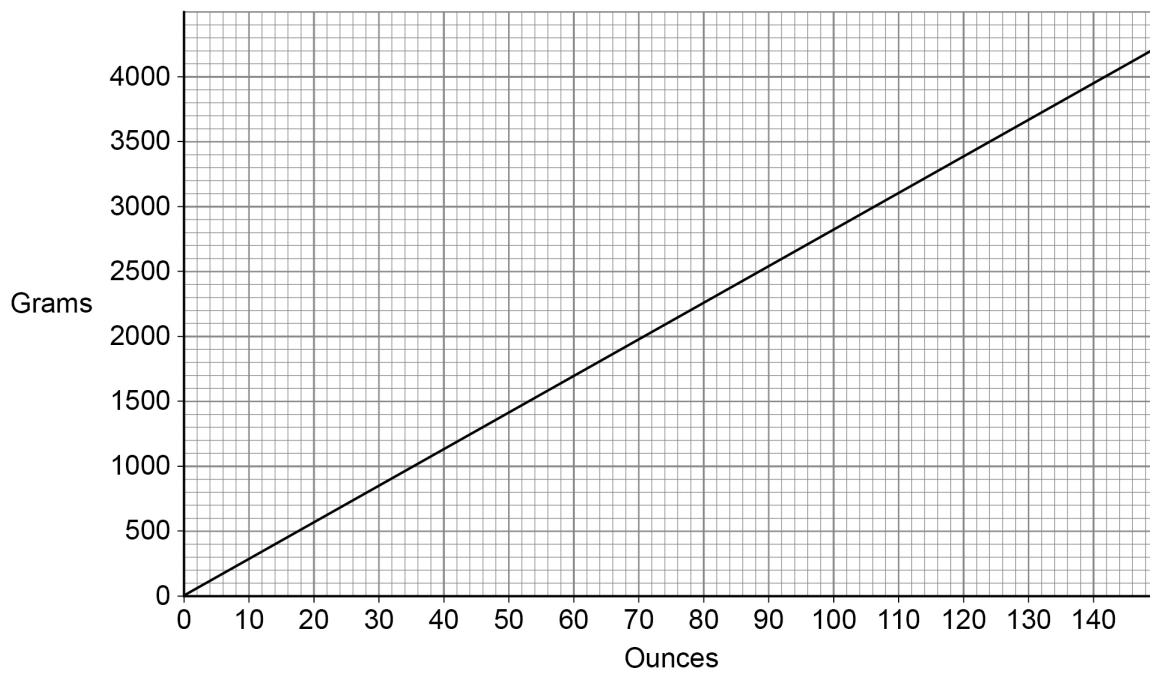
Answer **all** questions in the spaces provided.

6 Baby

Jo has a baby.

She calls the baby Ella.

- 6 (a)** The graph 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]

Question 6 continues on the next page

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]

Answer _____ p

12

END OF QUESTIONS



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outside the
box*

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ANSWER IN THE SPACES PROVIDED**



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1 2



2 1 B G 8 3 6 2 / 1

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