



Surname _____

Other Names _____

Centre Number _____

Candidate Number _____

Candidate Signature _____

I declare this is my own work.

Functional Skills Level 1

MATHEMATICS

Paper 1 Non-Calculator

8361/1

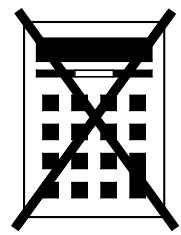
Time allowed: 30 minutes

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 Circle the negative integer. [1 mark]

−1.4

8

0.6

−23

2 Work out $97\,004 \div 1000$ [1 mark]

Answer



3 Work out $5^2 + 3^2$ [2 marks]

Answer _____

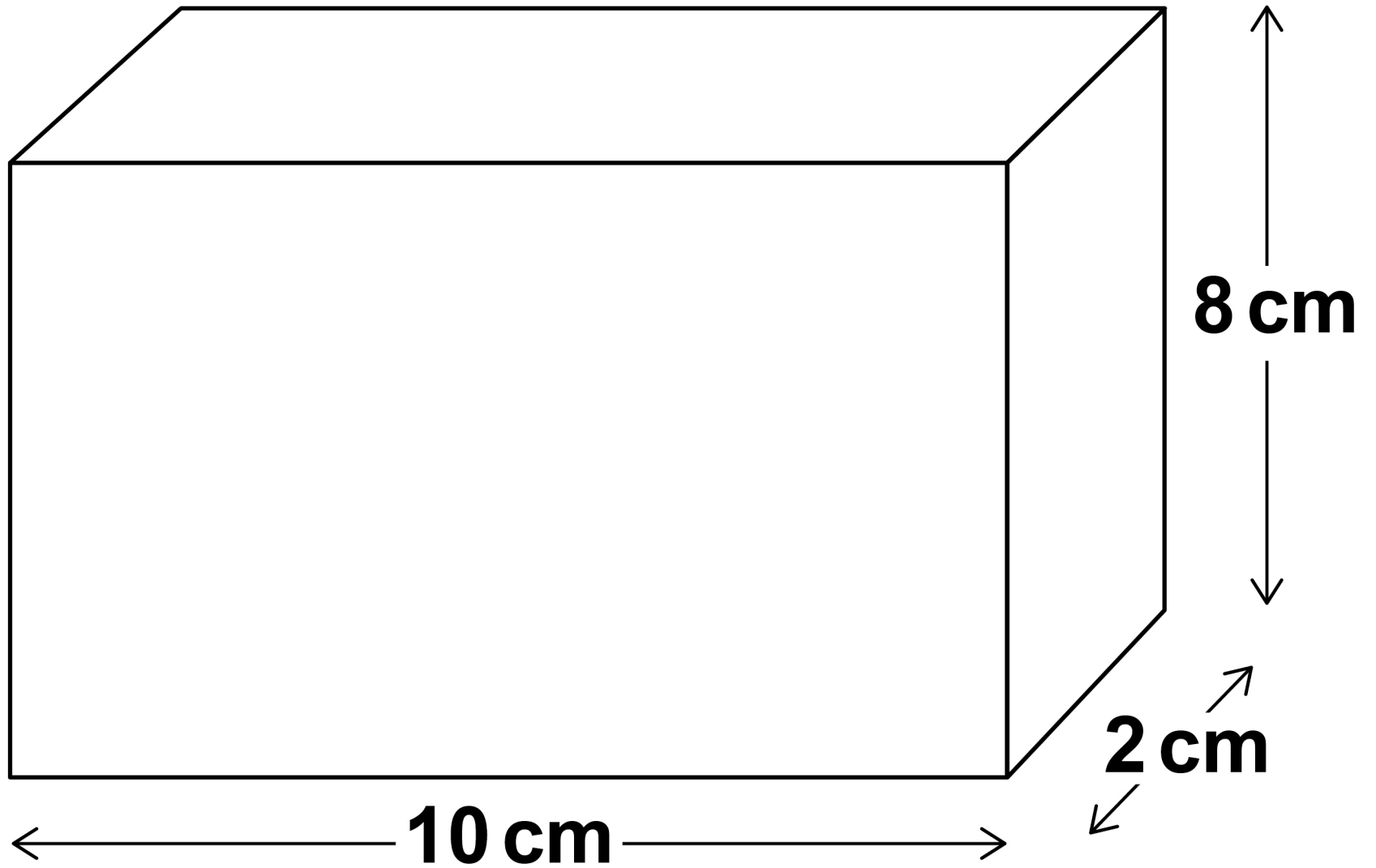
**4 Write two and four fifths in digits.
[1 mark]**

Answer _____

[Turn over]



5



Work out the volume of the cuboid.

**State the units of your answer.
[3 marks]**



Answer

[Turn over]

8



SECTION B

Answer ALL questions in the spaces provided.

6 JEWELLERY

Libby makes and sells jewellery.

6(a) Libby is making a bracelet.

She uses white beads and blue beads in the ratio 1 : 3

Libby uses 6 white beads for the bracelet.

She has 10 blue beads.



**How many MORE blue beads does she need to complete the bracelet?
[2 marks]**

Answer _____

[Turn over]



**6(b) Libby makes necklaces and bracelets from chain.
She buys a 2-metre roll of chain.**

She uses $\frac{1}{4}$ of the chain to make a necklace.

She uses the REST of the chain to make bracelets.

Libby needs 20 cm of chain to make each bracelet.

How many bracelets can she make? [5 marks]



Answer _____

[Turn over]





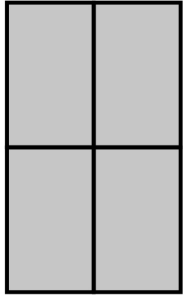
6(c) Libby sells her jewellery at a craft fair.

The pictogram shows some information about the items of jewellery she sold one day.

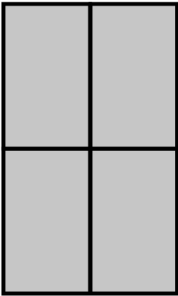
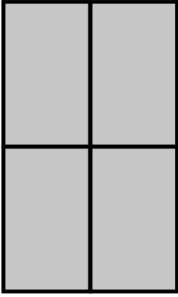
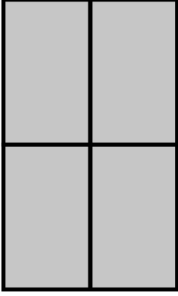
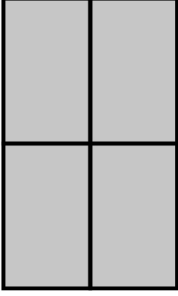
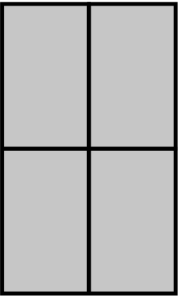
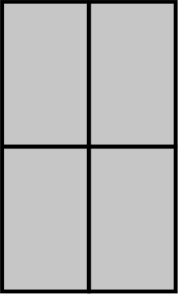
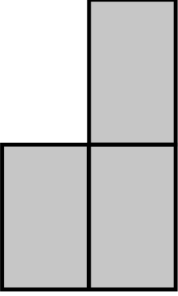

In total, Libby sold 45 items of jewellery that day.

She sold twice as many bracelets as rings.

**Complete the pictogram, on the opposite page.
[5 marks]**



KEY: = 4 items

Necklace	   
Anklet	   
Bracelet	
Ring	

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

This image shows a blank sheet of white paper with horizontal ruling lines. A single vertical line runs down the left side, creating a margin. There are 20 horizontal lines in total, evenly spaced across the page. The lines are thin and black.

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

BLANK PAGE

For Examiner's Use	
Question	Mark
1–5	
6	
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 © 2022 AQA and its licensors. All rights reserved.

IB/M/CD/Jan22/8361/1/E1



1 6



2 2 1 A 8 3 6 1 / 1