



**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]**

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**Answer**

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

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Answer \_\_\_\_\_

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

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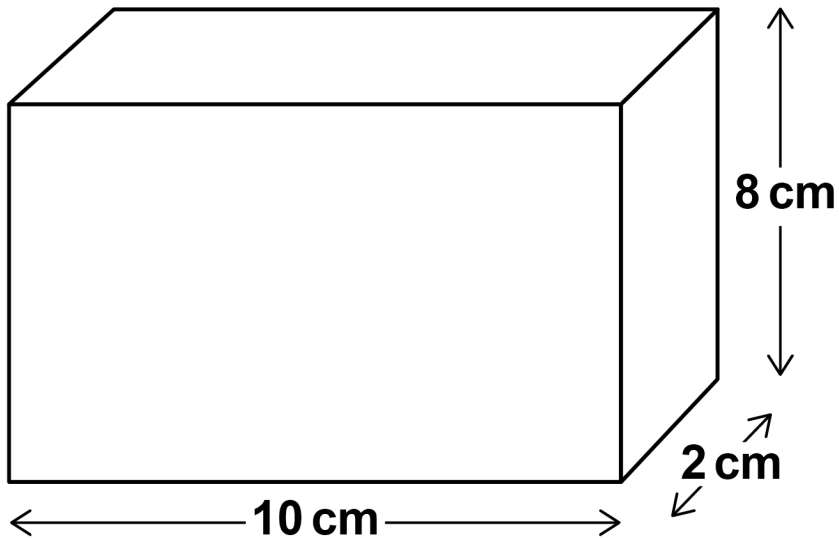
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Answer \_\_\_\_\_

[Turn over]



5



**Work out the volume of the cuboid.**

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

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**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]**

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**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]

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

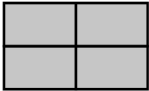
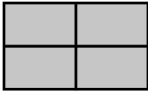
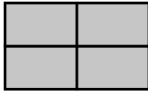
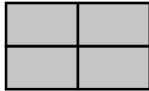
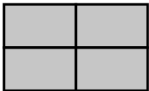
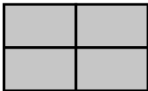

**[Turn over]**



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

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

**KEY:**  = 4 items

<b>Necklace</b>	   
<b>Anklet</b>	  
<b>Bracelet</b>	
<b>Ring</b>	

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

**She sold twice as many bracelets as rings.**

**Complete the pictogram. [5 marks]**

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**END OF QUESTIONS**

<b>12</b>



**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	
<b>TOTAL</b>	

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