NCFE

NCFE Entry Level 2 Functional Skills Qualification in Mathematics
(603/5053/2)

| Paper number: | Paper 9 |
| Section B: | Calculator Test |

Time allowed: 1 hour 15 minutes

Learner instructions
- Answer **all** questions.
- Read each question carefully.
- Write your answers in the spaces provided.
- Show your working, as marks may be awarded for working.
- This shows you where to write your working and answers.
- State units in your answers, where appropriate.
- Check your work.

Learner information
- The maximum mark for this section is **24**.
- The marks available for **each** question are shown in brackets.

To be completed by the assessor		Mark
B	Activity 2	/ 8
	Activity 3	/ 8
	Activity 4	/ 8

Resources
You will need:
- a pen, with black or blue ink
- a pencil and eraser
- a 30 cm ruler
- a calculator.

Please complete the details below clearly and in BLOCK CAPITALS.

Learner name

Centre name

Learner number

Centre number

Do not turn over until the assessor tells you to do so.

Activity 2: How the library works

Everyone has a role to play.

2 (a) This table shows who is working at the library each day.

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Staff	Tom Bev	Ruby Jas	Tom Sam	closed	Kevin Ruby	Kevin Tom

It is Tuesday.

Ruby thinks that her next shift will be in two days' time.
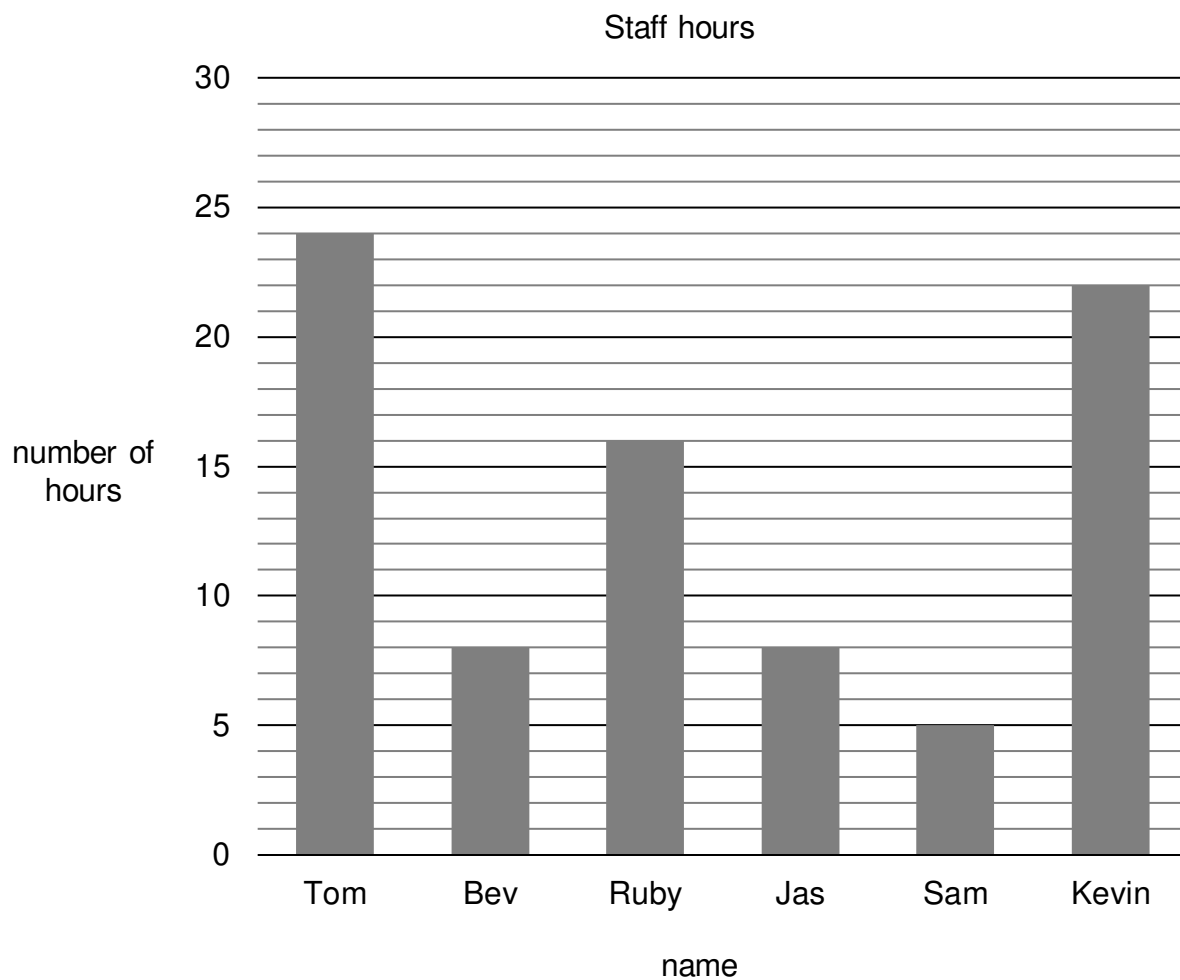
Is she correct?

Give a reason for your answer.

[2 marks]

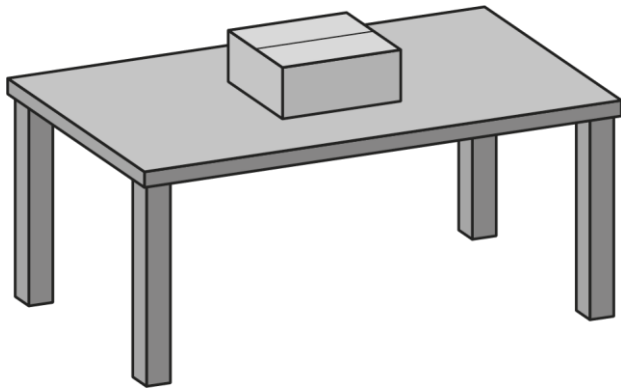**2 (b)** This bar chart shows the hours each person works.

Staff hours

How many people work more than 20 hours?

[1 mark]

2 (c) Ruby has a box of DVDs.

Where has she put the box?

Tick (✓) your answer.

[1 mark]

below the table   between the table legs   on top of the table

A (   )   **B (   )**   **C (   )**

2 (d) A customer borrows a DVD on the 15th April.

Jas tells the customer he can keep the DVD for 14 days.

On what date in April must the customer return the DVD?

[2 marks]

4

2 (e)   A new computer is delivered to the library.

The screen is the shape of a rectangle.
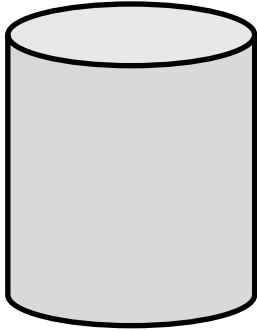
How many corners does a rectangle have?

[1 mark]

2 (f)   The new computer has a speaker shaped like this.

What is the name of this 3D shape?

[1 mark]

[Total marks: 8]

Activity 3: Story time for children

Sam reads stories to groups of children.

3 (a) Twenty two children want to take part in story time.

Sam will have five children in each group.

How many groups of five children can she make?

[2 marks]

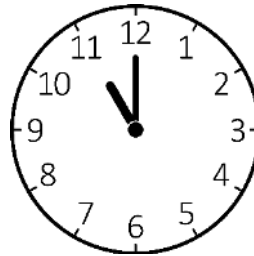**3 (b)** How many children will be left over?
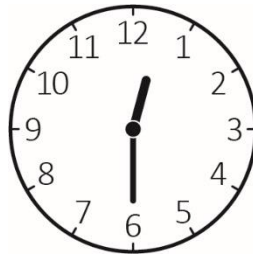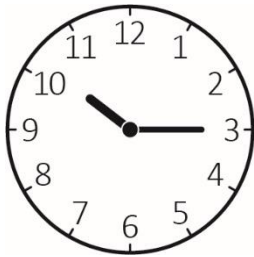
[1 mark]

Please turn over

3 (c)   Story time starts at 12.30

Which clock shows the start time?

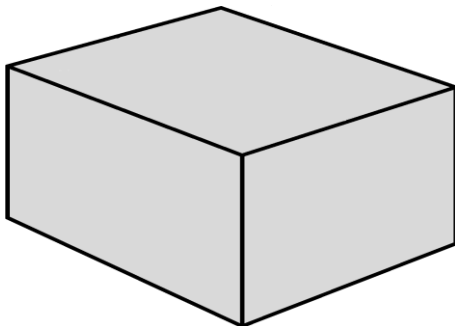**Tick (✓) your answer.**
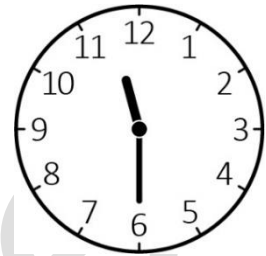
A (   )   B (   )   C (   )   D (   )

3 (d)   Sam orders a box of bookmarks.

What is the 3D shape of the box?

[1 mark]

3 (e)   There are 55 bookmarks in the box.

Sam gives 28 away.

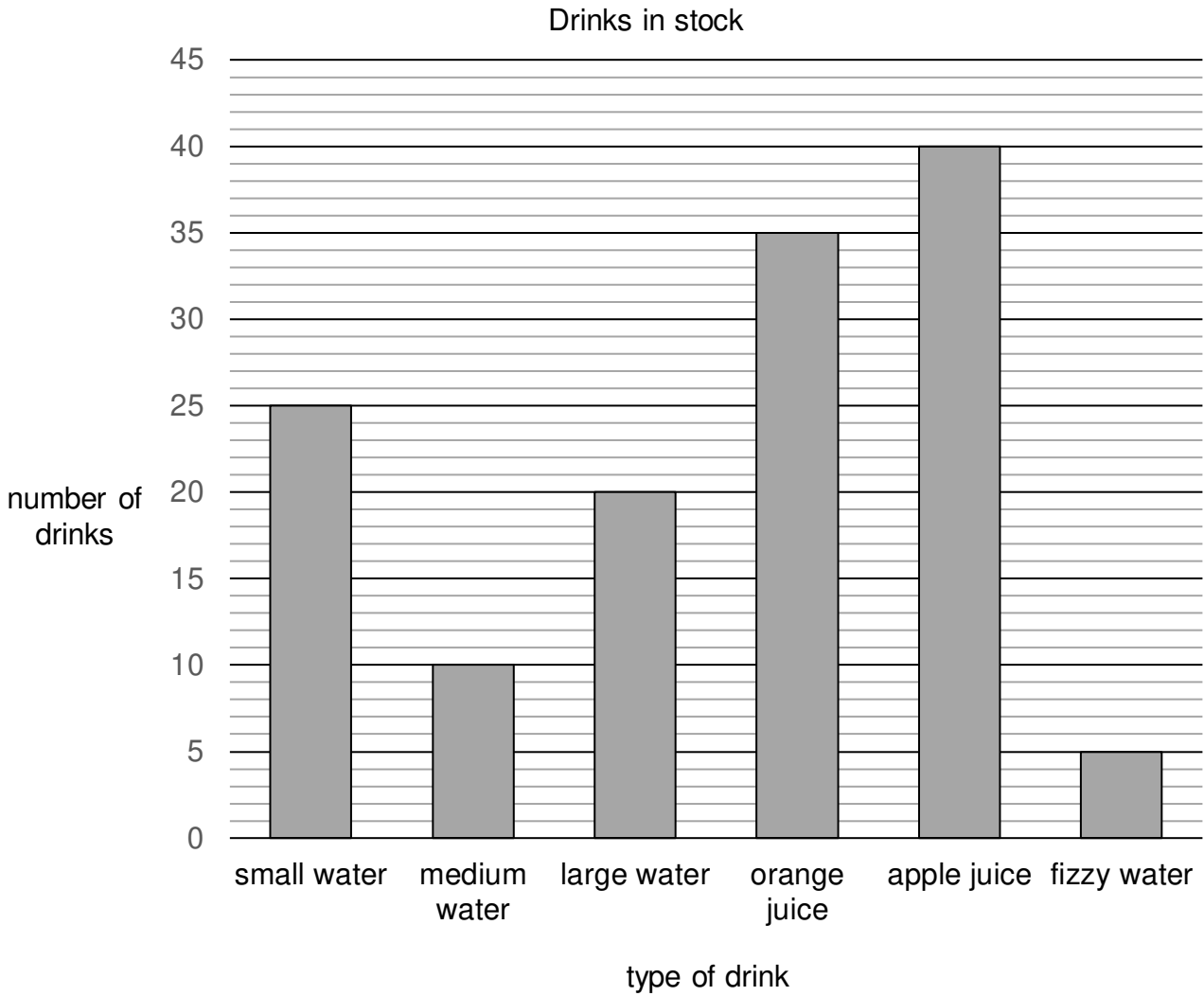How many bookmarks has she got left?

[2 marks]

3 (f)   Each child gets a drink at the end of story time.

This bar chart shows which drinks are in stock.

Drinks in stock

Complete the table to show the numbers of the drinks.

[1 mark]

Type of drink	Number
small water	25
medium water	10
large water	20
orange juice	35
apple juice	
fizzy water	

[Total marks: 8]

Activity 4: End of the day

Kevin finishes his list of jobs for the day.

4 (a)   Kevin makes a list of the items that people have borrowed.

fiction books	**186**
non-fiction books	**92**
children's books	**168**
DVDs	**23**

Write the numbers in order starting with the smallest.

[2 marks]

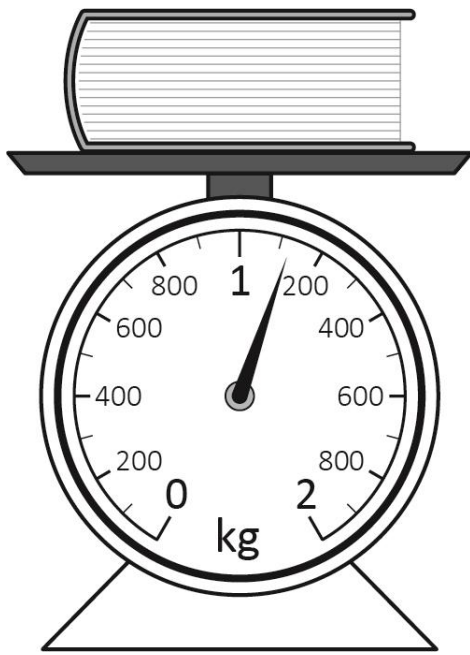**smallest**   **largest**

_____   _____   _____

4 (b)   Kevin has a book to post to a customer.

How much does it weigh to the nearest **labelled** division?
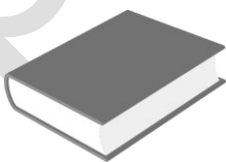
[1 mark]

_____ **kg**   _____ **g**

4 (c)   Kevin can only post books that weigh under 200 g

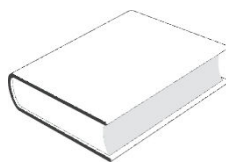Which is the heaviest book that Kevin can post?

Tick (✓) your answer.

[1 mark]

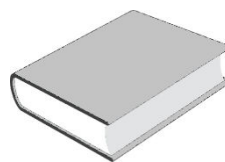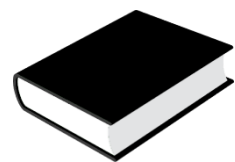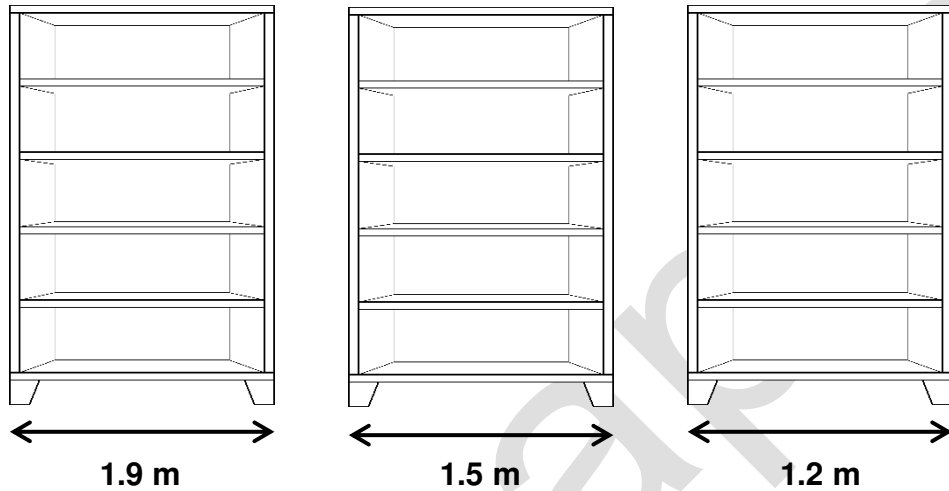| 195 g	9 kg	90 g	5 kg
A ( )	B ( )	C ( )	D ( )

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4 (d) Kevin needs to move a bookcase into a gap 1.6 m wide.

He has bookcases in three sizes.

Which is the widest bookcase he can fit in the gap?

Tick (✓) your answer.

1.9 m	**1.5 m**	**1.2 m**
A ( )	**B ( )**	**C ( )**

4 (e) This is a list of the books returned in one day.

large paperback

small hardback

small paperback

small hardback

large hardback

small paperback

large hardback

large hardback

small hardback

large hardback

Complete the table with the number of each type of book.

Small hardback and large paperback have been done for you.

[2 marks]

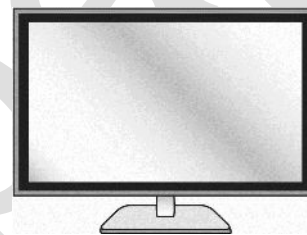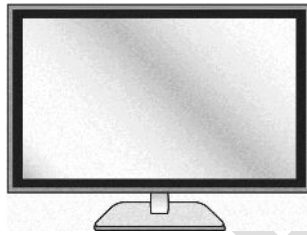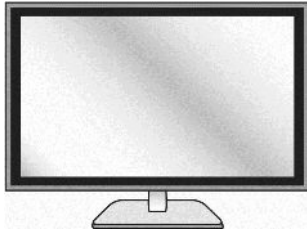|	Paperback	Hardback
Small		3
Large	1	

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4 (f) Kevin checks all of the computers.

$\frac{3}{4}$ of them are still on.

Tick (✓) the computers to show the correct number that are still on.

[1 mark]

[Total marks: 8]

This is the end of the internal assessment.