


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

Paper number: Paper 1
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: The leisure centre restaurant

Kate is a customer at the leisure centre restaurant.

2(a) Kate orders food and drinks for herself and her friends.

The food costs £51 and the drinks cost £27

What is the total cost?

[2 marks]



2(b) Kate uses rounding to the nearest £10 to check the total.

Show how she does this check.

[2 marks]



2(c) They share the total cost of the meal equally between the six of them.

How much does each person pay?

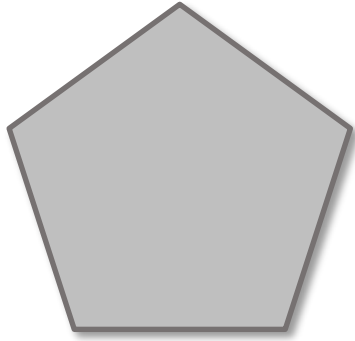
[2 marks]



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2(d) They sit on a table shaped like this.



What is the name of the 2D shape of the table?

[1 mark]



2(e) The table has a leg at each corner.

How many legs does the table have?

[1 mark]

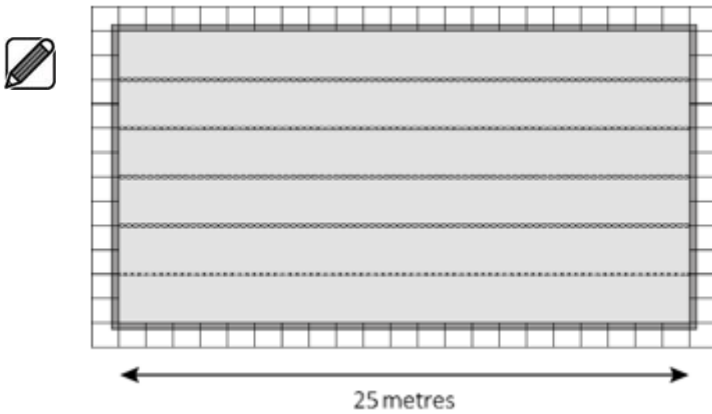


[Total marks: 8]

Activity 3: The leisure centre swimming pool

Jadon works as a lifeguard at the pool.

3(a) A person swims 12 lengths of the pool.



Which sum shows the total distance they swim?

Tick (✓) your answer.

[1 mark]

$12 + 25 =$

A ()

$12 \times 25 =$

B ()

$12 \div 25 =$

C ()

$12 - 25 =$

D ()

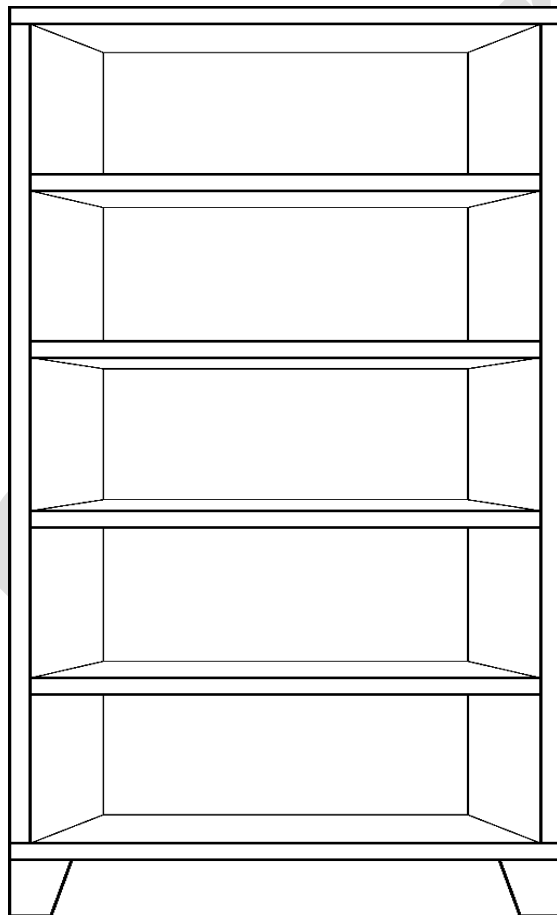
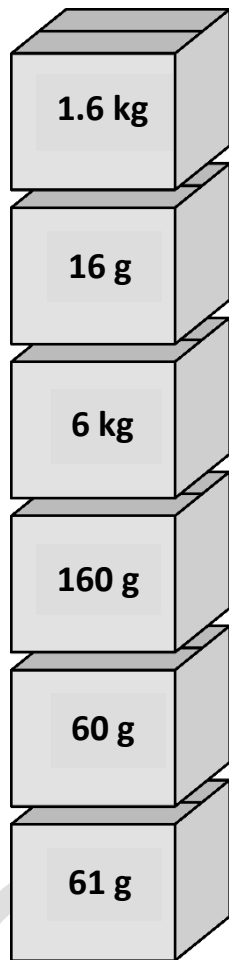
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3(b) Jadon is stacking boxes on shelves.

He puts the 3 lightest boxes on the top shelf and the three heaviest on the bottom shelf.

Draw arrows to show which boxes go where.

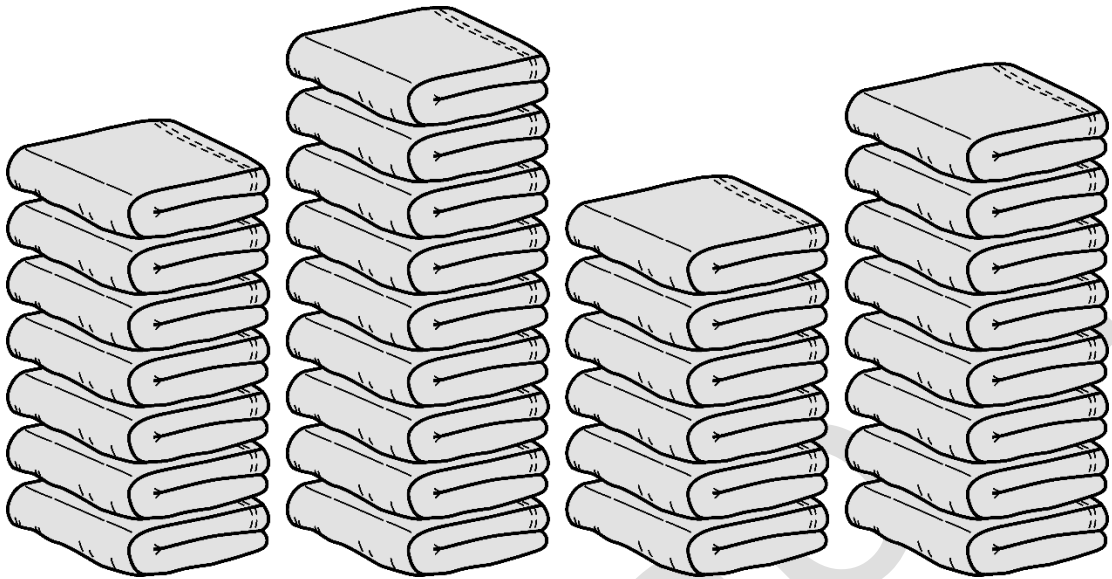
[2 marks]



3(c)

Jadon has 100 towels for the swimmers to use.

He counts how many clean towels he has.



How many towels have been used?

Show your working.

[3 marks]

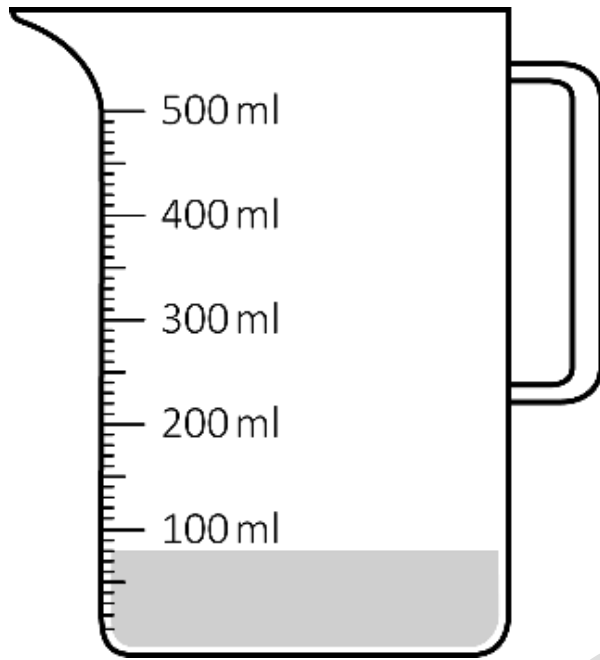


A large empty rectangular box for writing the answer and showing the working.

Please turn over

3(d)

Jadon uses a measuring jug to measure pool cleaner.



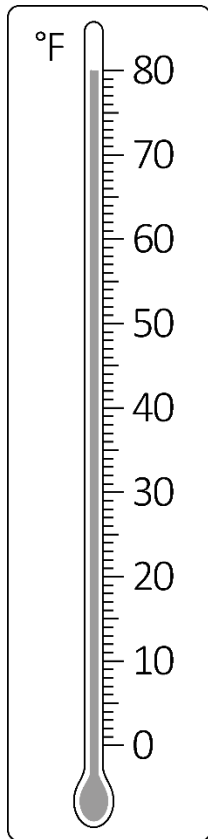
How much pool cleaner is in the jug to the nearest labelled division?

[1 mark]



3(e) Jadon checks the temperature in the hot tub.

It should be at least 70°F.



Is the hot tub warm enough?

Explain why you think this.

[1 mark]



A large empty rectangular box for writing the student's explanation.

[Total marks: 8]

Please turn over

Activity 4: The leisure centre manager

Shapi is the manager of the leisure centre.

4(a) Shapi counts the number of people who used the gym in the last 4 weeks.

Week	Number of people
1	180
2	80
3	160
4	130

How many people used the gym in week 4?

[1 mark]

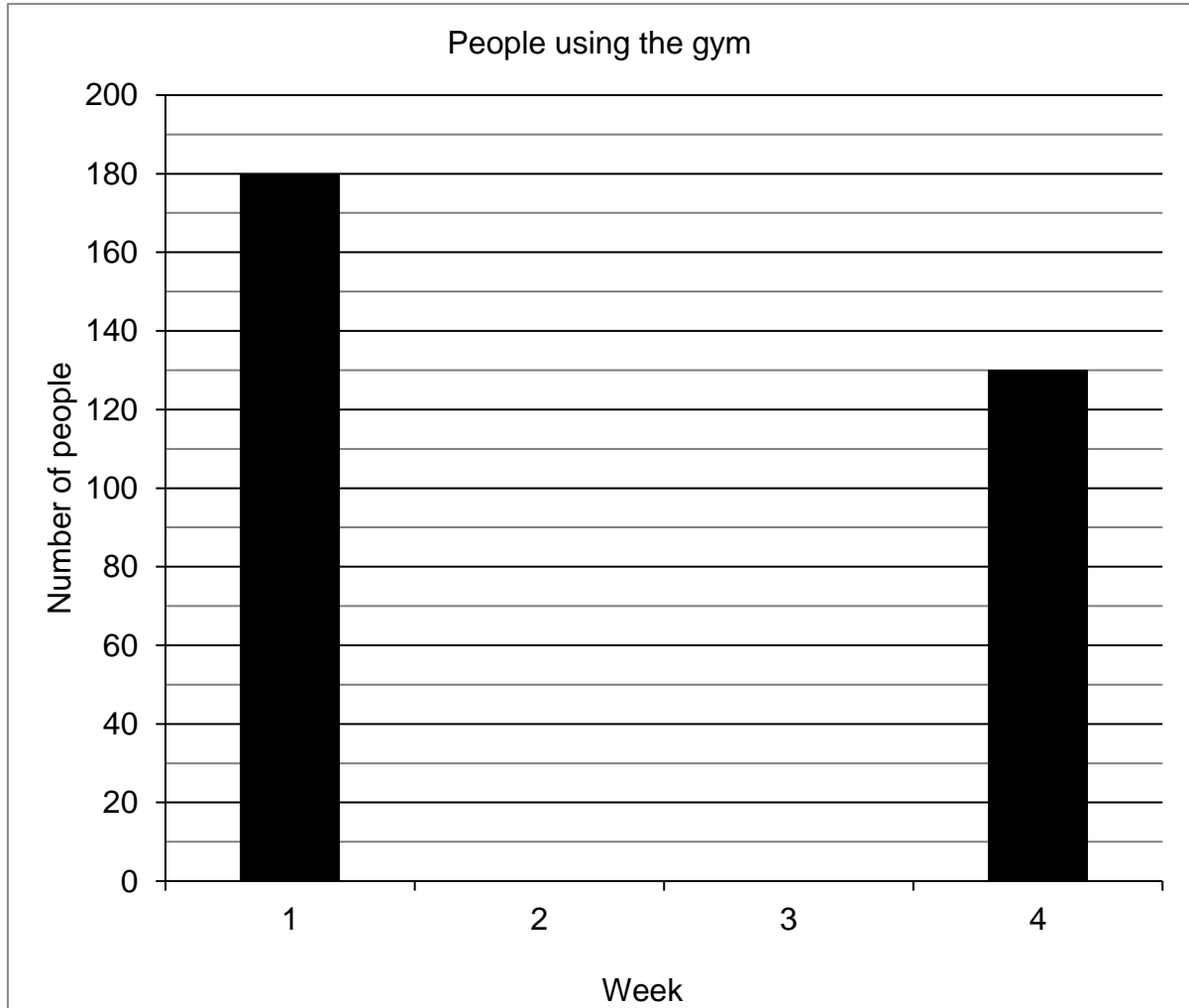


4(b) Shapi starts to display the results in a chart.

She has not finished the chart.

Complete the bars for week 2 and 3

[2 marks]



4(c) 120 people have used the gym this week.

Is this more or less than week 4?

[1 mark]



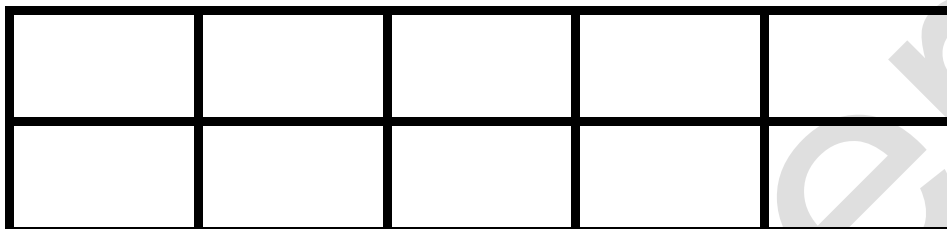
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4(d) $\frac{1}{10}$ of the gym is used for treadmills.

Below is a plan of the gym.

Shade $\frac{1}{10}$ of the gym on the plan.

[1 mark]



4(e) What fraction of the gym is **not** used for treadmills?

[1 mark]



4(f)

Shapi needs new uniforms for her staff.

T-shirts are:

- black or white
- large or small.

She asks her staff to write what they want on a list.

Kerry: small and black
Dave : small and white
Ragi: large and white
Emille: large and black
Carla: large and black
Jo: small and white
Esta: large and white

Shapi has added the information for Kerry.

Complete the rest of the form.

[1 mark]

	Colour	
Size	Black	White
Small	1	
Large		



Please turn over

4(g) Waist sizes for trousers go up in sequence.

Size	XXXS	XXS	XS	S	M	L	XL	XXL	XXXL
Measurement			28 cm	30 cm	32 cm				

Shapi is size XXXS.

What measurement will this be?

[1 mark]



[Total marks: 8]

This is the end of the assessment.

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