NCFE Entry Level 3 Functional Skills Qualification in Mathematics
(603/5061/1)

Paper number:	Paper 12
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 **30**.
- The marks available for **each** question are shown in brackets.

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

To be completed by the assessor		Mark
B	Activity 2	/ 10
	Activity 3	/ 10
	Activity 4	/ 10

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: Running the café

Amy has some tasks to do.

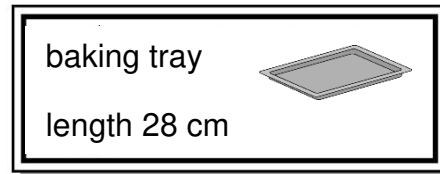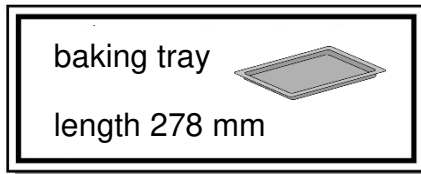**2 (a)**   This is one of the baking trays that Amy uses.

What is the length of the baking tray to the nearest **labelled** division?

[1 mark]

2 (b)   Amy needs to order new baking trays.

She finds these trays.

| baking tray | baking tray |
| length 278 mm | length 28 cm |

Amy thinks the 278 mm baking tray is longer than the 28 cm baking tray.

Is she correct?

Give a reason for your answer.

[2 marks]

2 (c)   Amy weighs some flour.

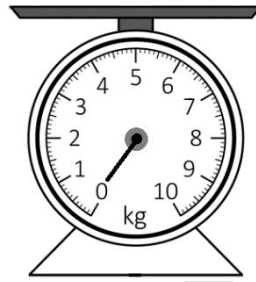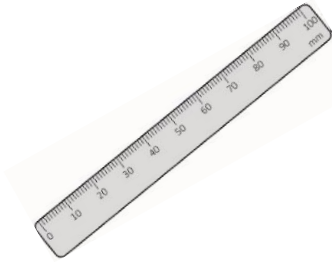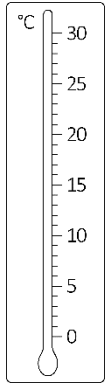Which instrument does she use?

Tick (✓) your answer.

[1 mark]
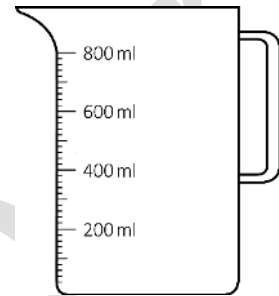
A (   )   B (   )   C (   )   D (   )

2 (d)   Amy needs to buy new tables for the café.

She wants tables in shapes that have at least one line of symmetry.

Tick (✓) all of the shapes that have at least one line of symmetry.

[1 mark]

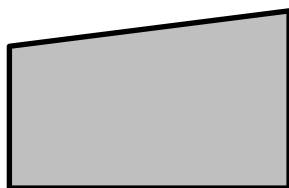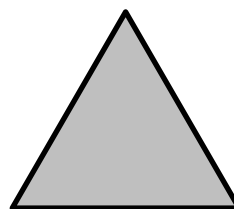A (   )   B (   )   C (   )

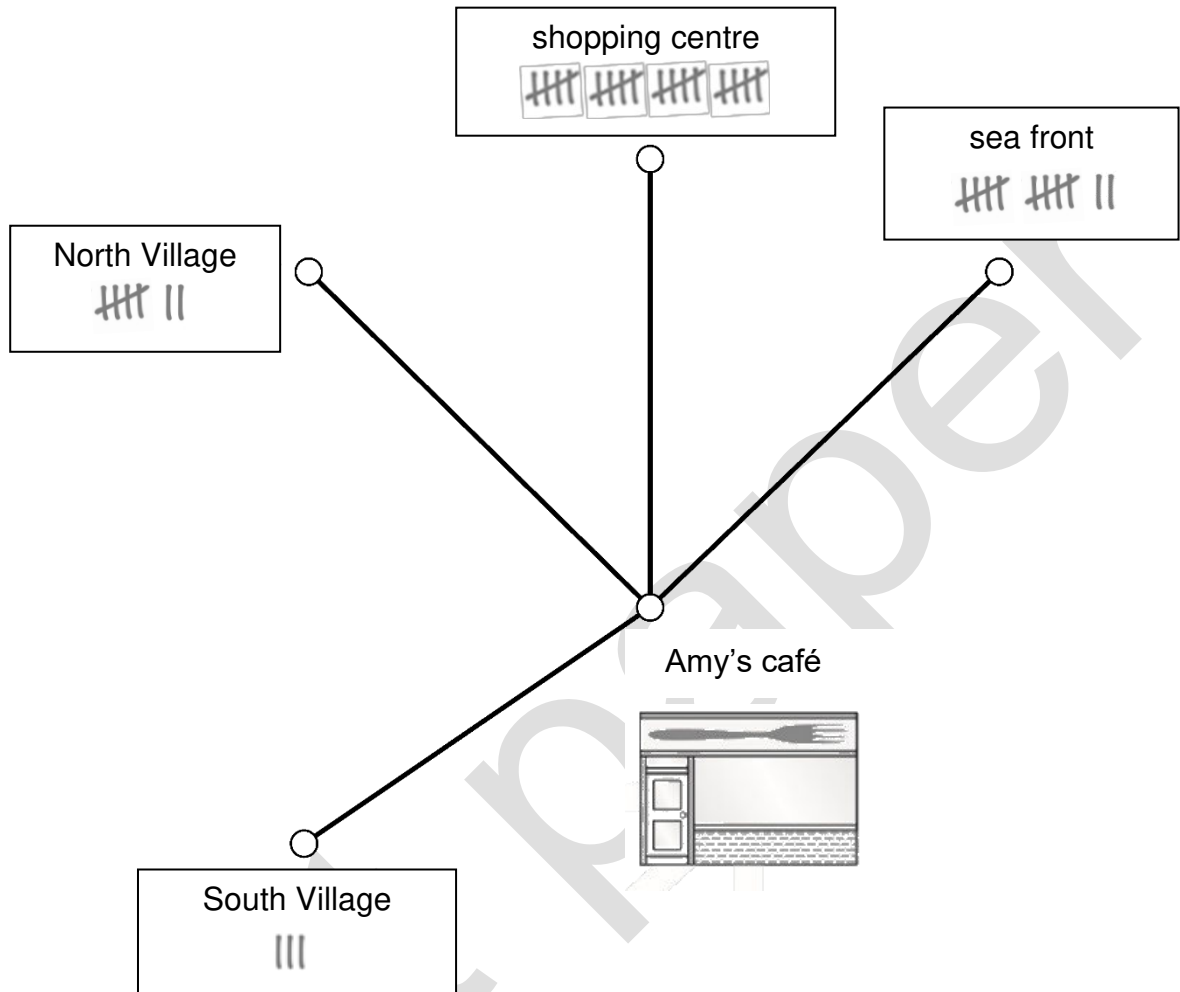D (   )   E (   )

2 (e) This diagram shows the places the café delivers to.

It also shows a tally of the deliveries that were made to each place last week.

shopping centre
卌 卌 卌 卌

sea front
卌 卌 ||

North Village
卌 ||

Amy's café

South Village
|||

Complete the frequency table to show this information.

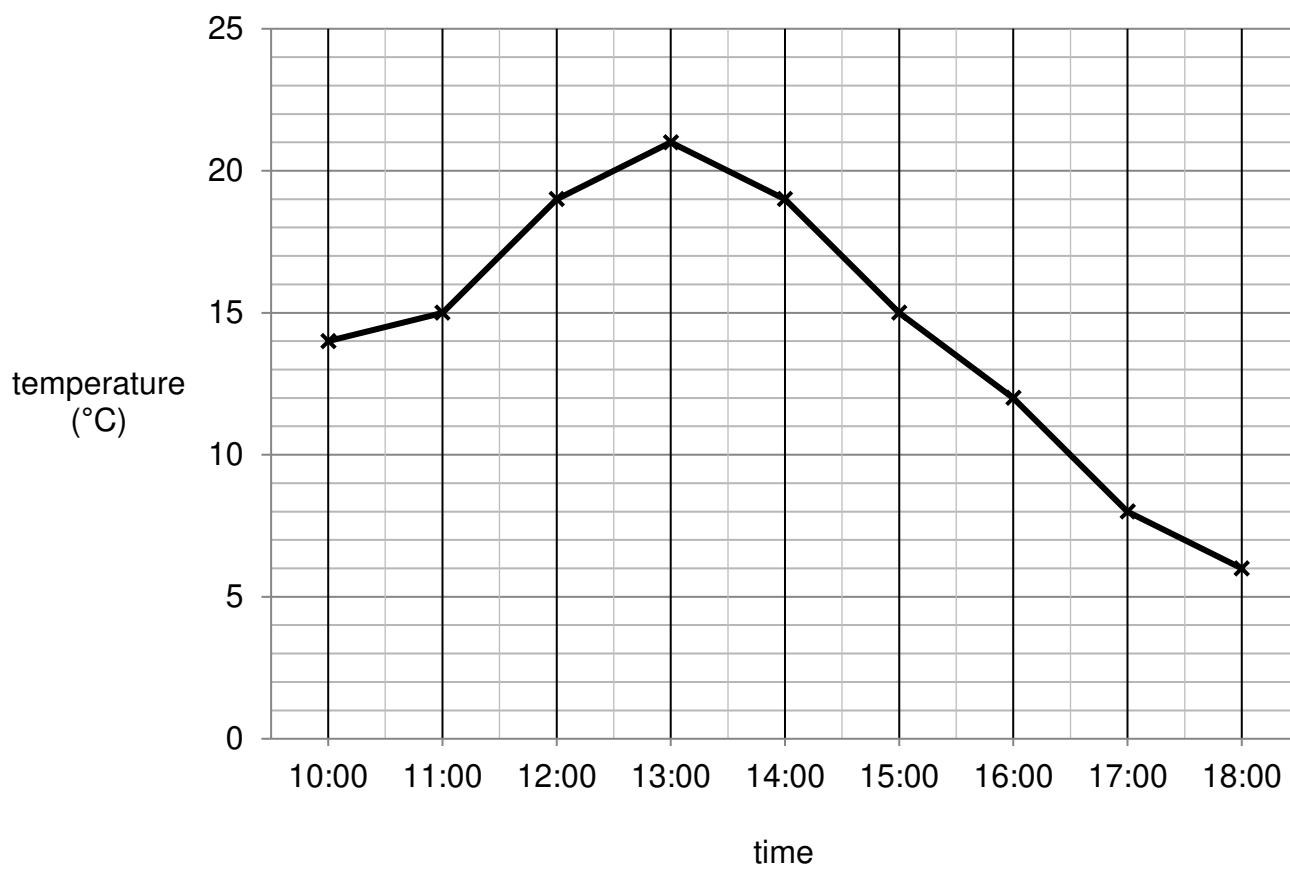**[3 marks]**

2 (f)   Amy checks the temperature in the kitchen.

This graph shows the temperatures in the kitchen on Monday.

Temperatures on Monday

How much hotter was it at 12:00 than it was at 17:00?

[2 marks]

[Total marks: 10]

Activity 3: The staff

Four other people work in the café.

3 (a)   Amy counts the hours that people work.

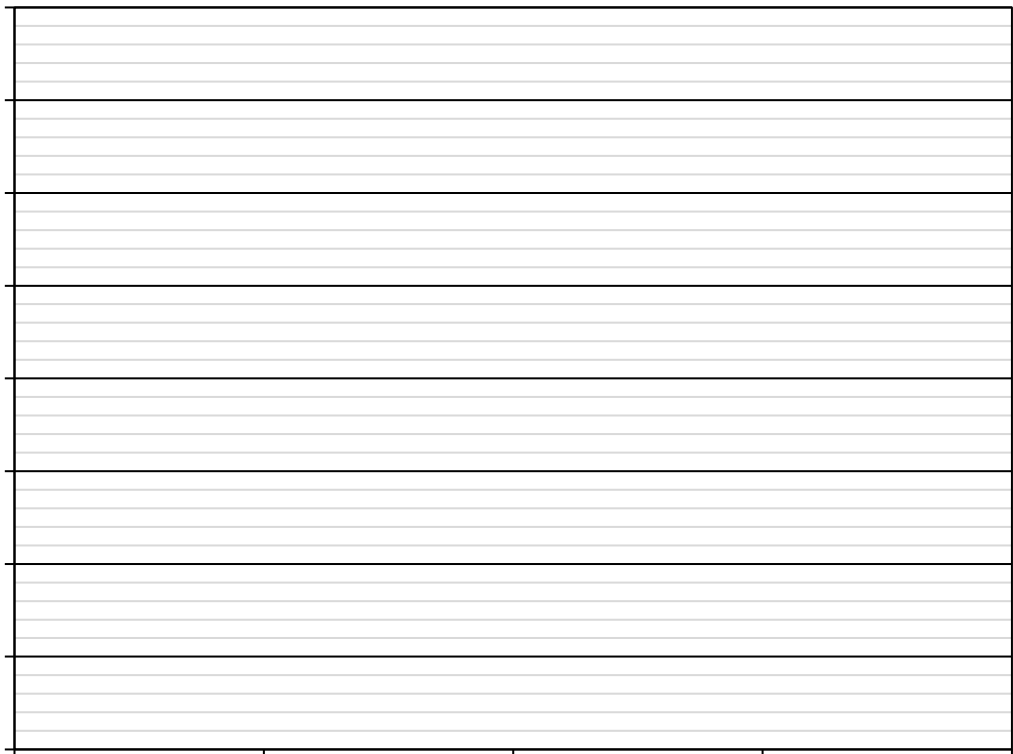| Claire | 36 hours |
Alex	25 hours
Jamil	18 hours
Sarah	32 hours

She wants to show the results in a bar chart.

Complete the bar chart.

[4 marks]

Hours people work

number
of hours

name

3 (b) Claire earns £9.72 per hour.

Round £9.72 to the nearest £1

[1 mark]

3 (c) This list shows how much each person earns per hour.

Name	Amount per hour (£)
Claire	9.72
Alex	9.05
Jamil	9.75
Sarah	9.50

Which number is the largest?

[1 mark]

3 (d) Jamil sells orange juice in bottles of different sizes.

0.5 litres	250 ml	0.2 litres	50 ml
A	**B**	**C**	**D**

He thinks bottle D holds the most orange juice.

Is Jamil correct?

Give a reason for your answer.

[2 marks]

3 (e) Alex starts work at 8.20 am

He works for three and a half hours then he starts his break.

At what time does Alex start his break?

Write your answer in numbers using the 12 hour clock format.

[2 marks]

[Total marks: 10]

Please turn over

Activity 4: End of the day

The staff close the café.

4 (a) The café had sales of £250.90 in the morning.

The café had sales of £218.20 in the afternoon.

What were the total sales?

Round your answer to the nearest £1

[3 marks]

4 (b) Amy takes six hundred and thirteen pounds to the bank.

Write six hundred and thirteen in numbers.

[1 mark]

4 (c) There were 319 tea bags at the start of the day.

The staff used 138 tea bags in the morning.

The staff used 115 tea bags in the afternoon.

How many tea bags were left over at the end of the day?

[3 marks]

4 (d) Amy makes icing for different cakes.

The amounts of icing go up in sequence.

What is the next number in the sequence?

0.3 kg   0.6 kg   0.9 kg   _____ kg

[1 mark]

4 (e)   A lemon cake and a ginger cake are left at the end of the day.

The lemon cake weighs 0.6 kg

The ginger cake weighs 590 g

Sarah thinks 590 g is heavier than 0.6 kg

Is she correct?

Give a reason for your answer.

[2 marks]

[Total marks: 10]

This is the end of the internal assessment.

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