Functional Skills Model Solutions

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Maths Level 2   Maths Level 1

English Level 2   English Level 1

ncfe.

NCFE Entry Level 1 Functional Skills Qualification in Mathematics (603/5057/X)

Paper number:	SAM
Section B:	Calculator Test

Time allowed: 1 hour

Learner instructions
- Answer **all** questions.
- Read each question carefully.
- Write your answers in the spaces provided.
- Show your working.
- This shows you where to write your working and answers.
- Check your work.

Learner information
- Section B contains **Activity 2, 3** and **4**.
- The maximum mark for this section is **18**.
- 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.

Please complete the details below clearly and in BLOCK CAPITALS.
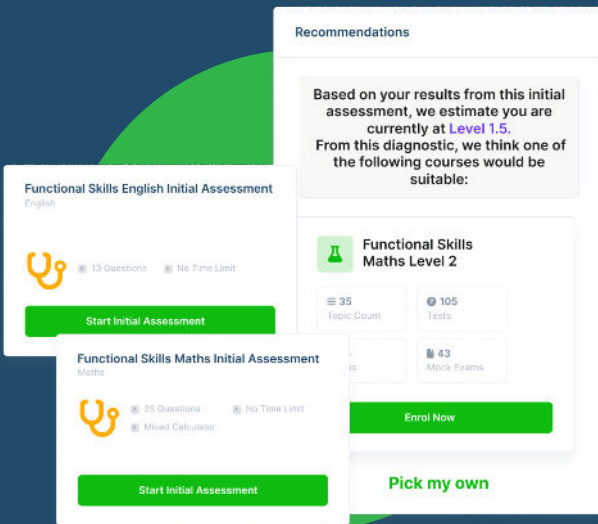
Learner name _____

Centre name _____

Learner number [ ]   Centre number [ ]

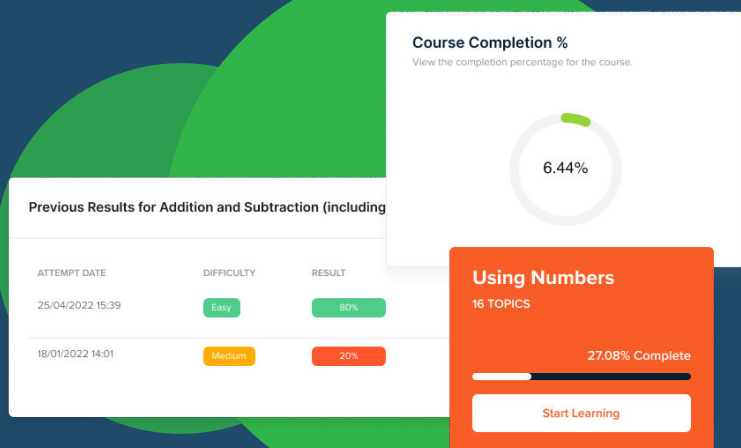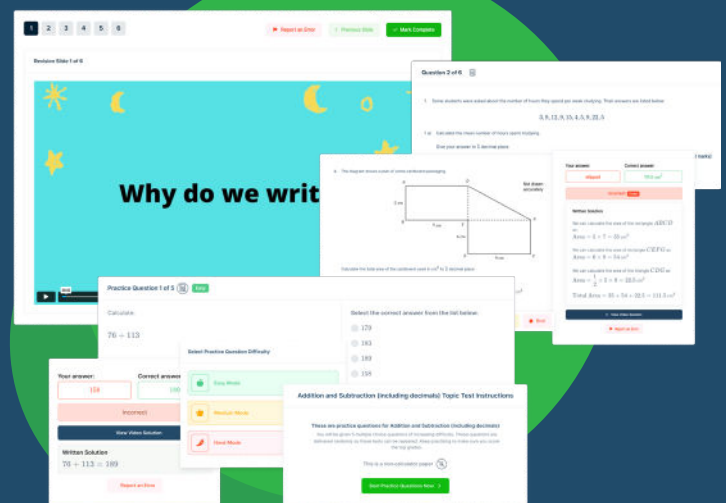**Do not turn over until the invigilator tells you to do so.**

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Recommendations

Based on your results from this initial assessment, we estimate you are currently at Level 1.5.
From this diagnostic, we think one of the following courses would be suitable:

Functional Skills Maths Level 2

- ≡ 35 Topic Count
- ⏱ 105 Tests
- 📄 43 Mock Exams

Enrol Now

Pick my own

Functional Skills English Initial Assessment
English

- 13 Questions
- No Time Limit

Start Initial Assessment

Functional Skills Maths Initial Assessment
Maths

- 25 Questions
- No Time Limit
- Mixed Calculator

Start Initial Assessment

✅ Your answers are analysed to determine your Current Level

✅ Suggested courses for you to enrol on based on your calculated level

✅ Always know the level you are currently working at

✅ Determine when you are ready to sit your exam

✅ Explainer videos on every topic

✅ Quick-fire style mutiple choice questions

✅ Test your knowledge with exam-style questions

✅ Written solutions for all questions

Course Completion %
View the completion percentage for the course.

6.44%

Previous Results for Addition and Subtraction (including

ATTEMPT DATE	DIFFICULTY	RESULT
25/04/2022 15:39	Easy	80%
18/01/2022 14:01	Medium	20%

Using Numbers
16 TOPICS

27.08% Complete

Start Learning

✅ See your progress through as you progress through each topic area

✅ Get your average scores for practice questions, topic tests and mock exams

✅ View all practice question, topic test and mock exam attempts over time

✅ View historical attempts to analyse your progress over time

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Activity 2: **Warehouse**

Sally works in the warehouse.
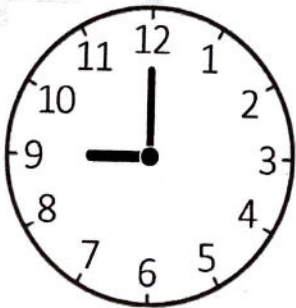She packs orders for delivery.

2 (a) Orders are collected at these times.

Write the correct time next to each clock.

[1 mark]

4 o'clock

9 o'clock

2 (b)   Sally needs to put 20 cupcakes in a box. She has packed this many.

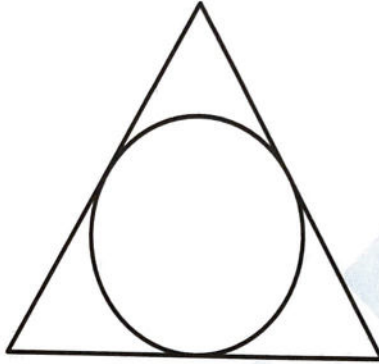How many more does she need to pack?

[3 marks]

12 cupcakes

20 − 12 = 8

8.

2 (c)   There is a sign on the bakery wall.

The sign is made up of 2D shapes.

What are the names of the two shapes?

[2 marks]

Circle

Triangle

[Total marks: 6]

Activity 3: **Delivery driver**

Asha delivers cupcake orders in her van.

3 (a)   Asha keeps a record of orders each month.

The chart shows the number of times she goes to each shop.

Complete the tally chart.

[2 marks]

Shop	Tally	Total
Shop A	ЖԒ |||	8
Shop B	||||	4
Shop C	ЖԒ|	6
Shop D	ЖԒ||||	9

3 (b)   Which shops did Asha go to **more than** seven times?
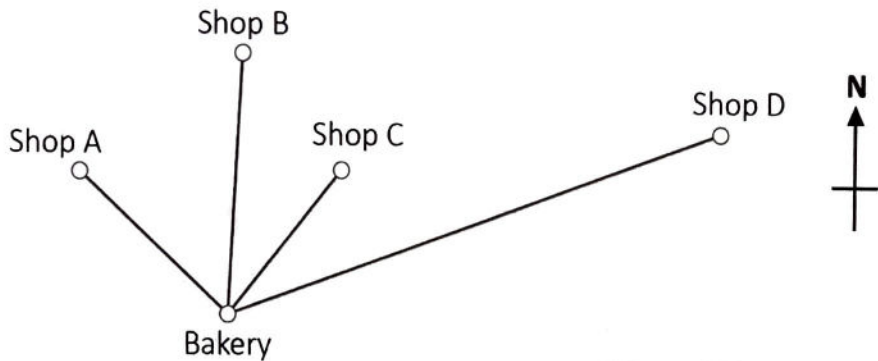
[1 mark]

A   and   D.

Please turn over

5

3 (c)   This map shows how far the shops are from the bakery.

Which shop is the **furthest away** from the bakery?

[1 mark]

Shop D

3 (d)   The distance to Shop A is 6 km.

Asha drives from the bakery to Shop A. She then drives back to the bakery.

How far does she drive in total?

[2 marks]

6 km × 2 = <u>12 km</u>

[Total marks: 6]

Activity 4:   **Bakery shop**

Sid works in the bakery shop.
He sells cupcakes.

4 (a)   Sid works on Monday and Tuesday.

He has the next day off.

Which day does Sid have off?

[1 mark]

Wednesday

4 (b)   Sid works eight hours on Monday.

He works six hours on Tuesday.
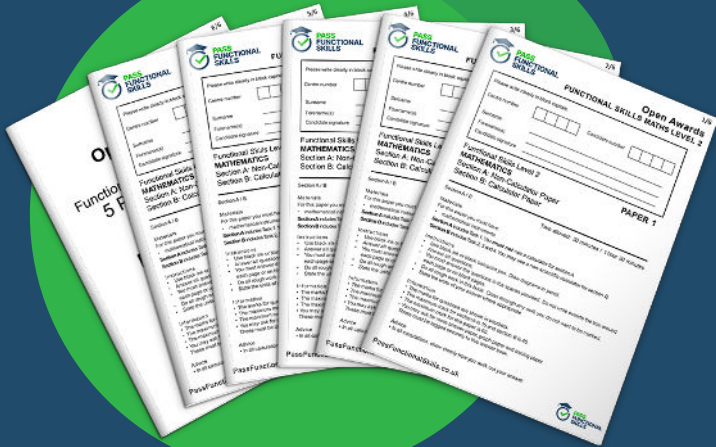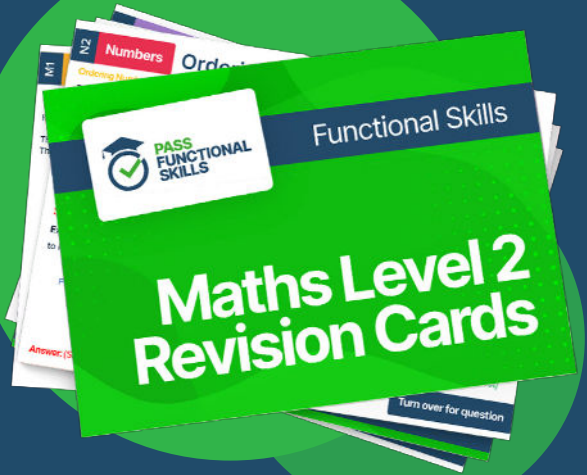
Which day does Sid work the **most** hours?

[1 mark]

Monday

Please turn over

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4 (c)   The bakery shop is closed on Sundays.

How many days each week is the bakery shop open?

[1 mark]

6

4 (d)   Jen buys some large cupcakes costing £7.

Circle the coins to make £7.

[1 mark]

4 (e)   Jen wants to pay for the cupcakes with a note.

Which is the smallest note she can use to pay?
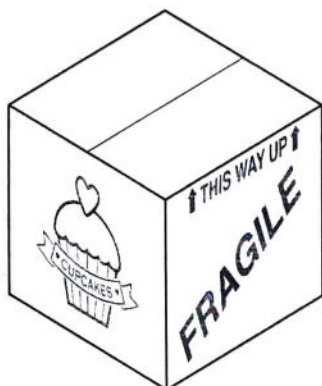
Tick (✓) your answer.

[1 mark]

A (✓)

B (   )

C (   )

4 (f)   Sid puts the cupcakes in a box for Jen.

What shape is the cupcake box?

[1 mark]

Cube

[Total marks: 6]

This is the end of the assessment.

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