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# Functional Skills Model Solutions

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

Paper number: Paper 1  
Section A: Non-calculator Test



Time allowed: 30 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 **10**.
- The marks available for **each** question are shown in brackets.

To be completed by the assessor		Mark
A	Activity 1	/ 10

### Resources

You will need:

- a pen, with black or blue ink
- a pencil and eraser
- a 30cm ruler.

Please complete the details below clearly and in **BLOCK CAPITALS**.

Learner name \_\_\_\_\_

Centre name \_\_\_\_\_

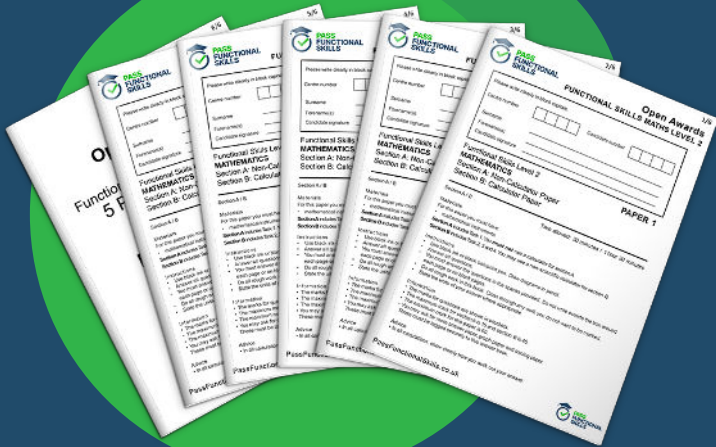
Learner number

Centre number

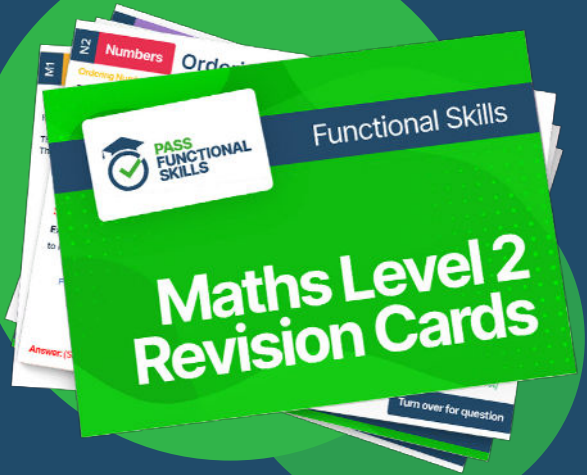
**Do not turn over until the assessor tells you to do so.**



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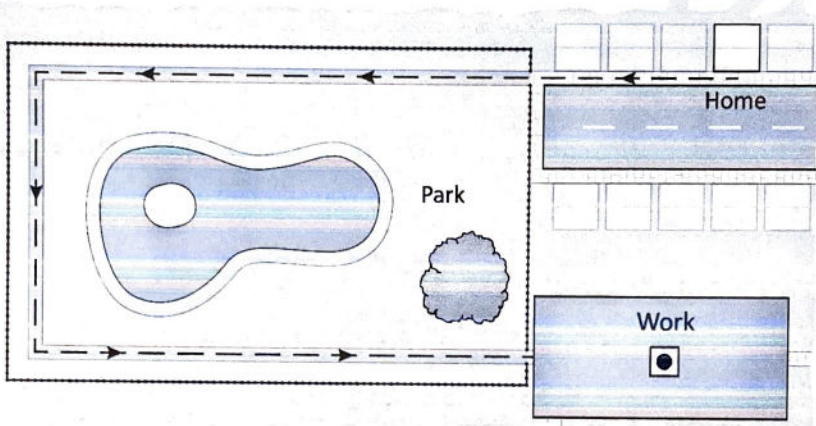
**Activity 1: Burger bar**

Jim works in a burger bar.

1(a) Jim often runs to work.

He takes this route today.

Diagram is not drawn to scale



He lives 50 m from a park.

The park is 275 m long and 200 m wide.

How far does he run in total?

[2 marks]



$$50 + 275 + 200 + 275 = 800 \text{ m.}$$

- 1(b) Jim tries to run 1 km every day.

Explain whether he has done this today on his route to work.

[1 mark]



No,  $1\text{ km} = 1000\text{ m}$ .  
 $800\text{ m} < 1000\text{ m}$ .

- 1(c) Jim works 42 hours one week.

He earns £9 an hour.

What is his weekly pay?

[2 marks]



$$42 \times \pounds 9 = \underline{\pounds 378}$$

- 1(d) Jim wants to check his pay is correct.

Show how he does this by rounding each part to the nearest 10

[2 marks]



$$40 \times \pounds 10 = \pounds 400$$

Please turn over

1(e) Jim starts work at quarter to eight in the morning.

It takes him 55 minutes to get from home to work.

What is the latest time Jim should leave home?

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

Show your working.

[3 marks]



$$7:45 \text{ am} - 55 \text{ mins}$$

$$= 6:50 \text{ am.}$$

[Total marks: 10]

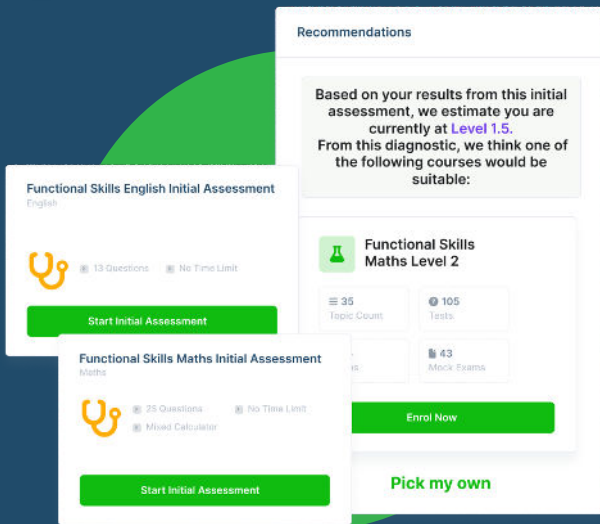
This is the end of Section A



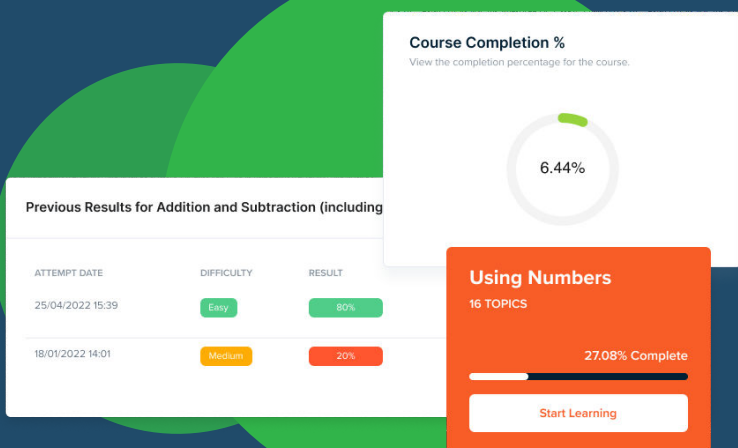
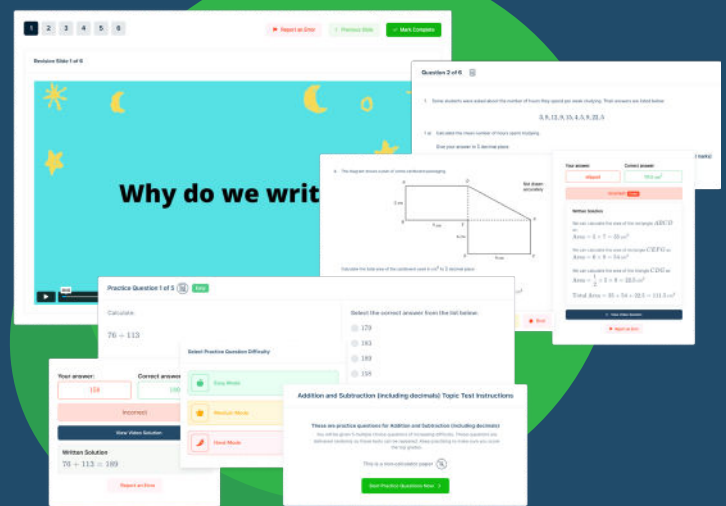


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