

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

Paper number: SAM  
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

- Section A contains **Activity 1** only.
- The maximum mark for this section is **10**.
- 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.

To be completed by the assessor		Mark
A	Activity 1	/ 10
B	Activity 2	/ 10
	Activity 3	/ 10
	Activity 4	/ 10
TOTAL MARK		/ 40

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.**

### Activity 1: Mobile phone shop

Jack is the manager of a mobile phone shop.

1 (a) Jack gets the bus to work.

He leaves at **07:40 am**.

It takes him 25 minutes.

Which clock shows the time Jack arrives at work?

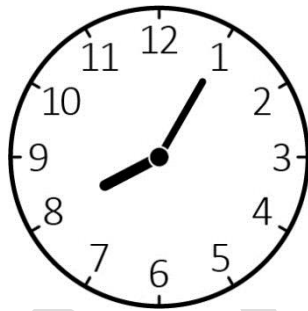


Tick (✓) your answer.

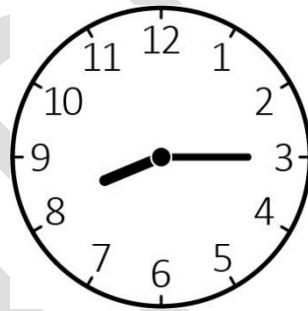
[1 mark]



A ( )



B ( )



C ( )



D ( )

1 (b) Sometimes Jack walks to work.

It takes him 1 hour and 20 minutes.

He needs to arrive at work by **08:15 am**.

What is the **latest** time Jack can set off?

[1 mark]



1 (c) Jack sells all of these mobile phones in one month.

Blueberry	219
Corephone	291
Starflip	216
Elite	231

Jack thinks he has sold more than 1000 phones.

Is he correct? **Show your working.**

[2 marks]



SAMPLE

Please turn over

1 (d)

Jack sees that  $\frac{2}{5}$  of the Elite mobile phones he has sold are silver.

What fraction are **not** silver?

[1 mark]



1 (e)

Jack thinks  $\frac{2}{5}$  is equivalent to  $\frac{6}{10}$ .

He is wrong.

Which of the following **two** fractions are equivalent to  $\frac{2}{5}$  ?

[2 marks]



Tick (✓) two answers.

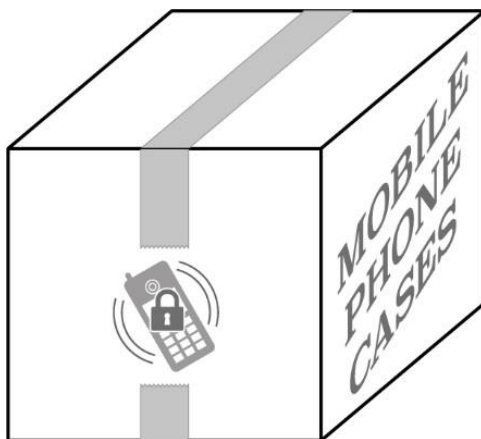
A ( )  $\frac{2}{10}$

B ( )  $\frac{4}{10}$

C ( )  $\frac{5}{15}$

D ( )  $\frac{6}{15}$

1 (f) Jack has a delivery of mobile phone cases.



18 boxes are delivered.

Each box contains 16 cases.

How many mobile phone cases are delivered in total? **Show your working.**

[2 marks]



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

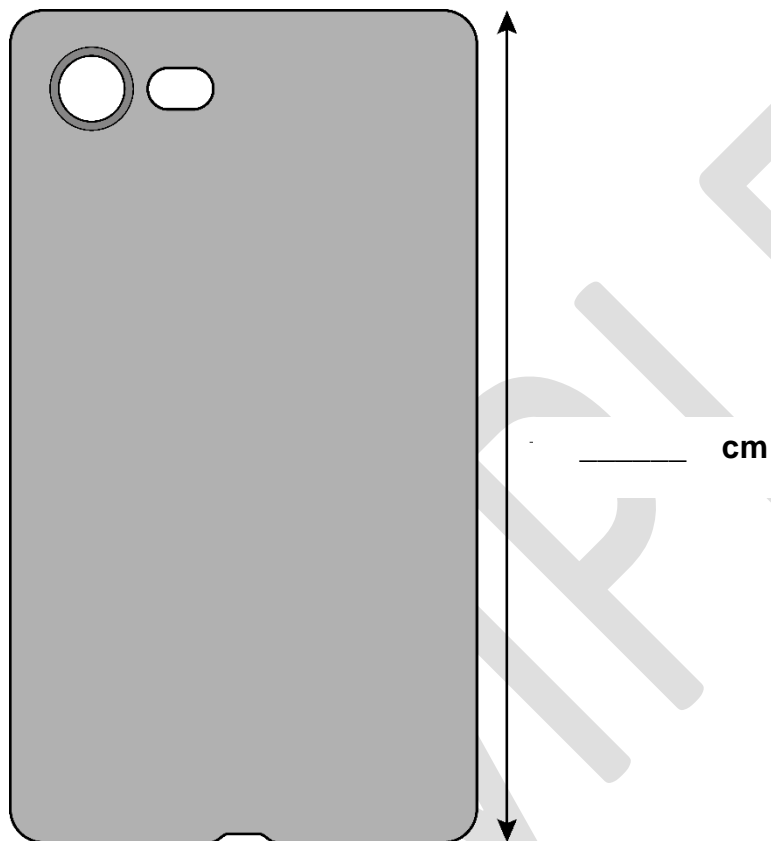
**Please turn over**

1 (g) Jack measures one of the mobile phone cases.

Measure the longest edge of the phone case.

Write your answer in the space provided.

[1 mark]



[Total marks: 10]

This is the end of Section A

**This page is intentionally left blank.**