


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

Paper number: Paper 11  
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.

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

### 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: Choosing a holiday

Claire decides to go to Spain.

2 (a) Claire wants to stay close to the beach.

She finds this information.

**Sun Hotel**  
**0.5 kilometres**  
**to the beach**

**Palm Hotel**  
**490 metres**  
**to the beach**

**Grand Hotel**  
**0.6 kilometres**  
**to the beach**

**Vista Hotel**  
**540 metres**  
**to the beach**

She thinks the Sun Hotel is the closest hotel to the beach.

Is she correct?

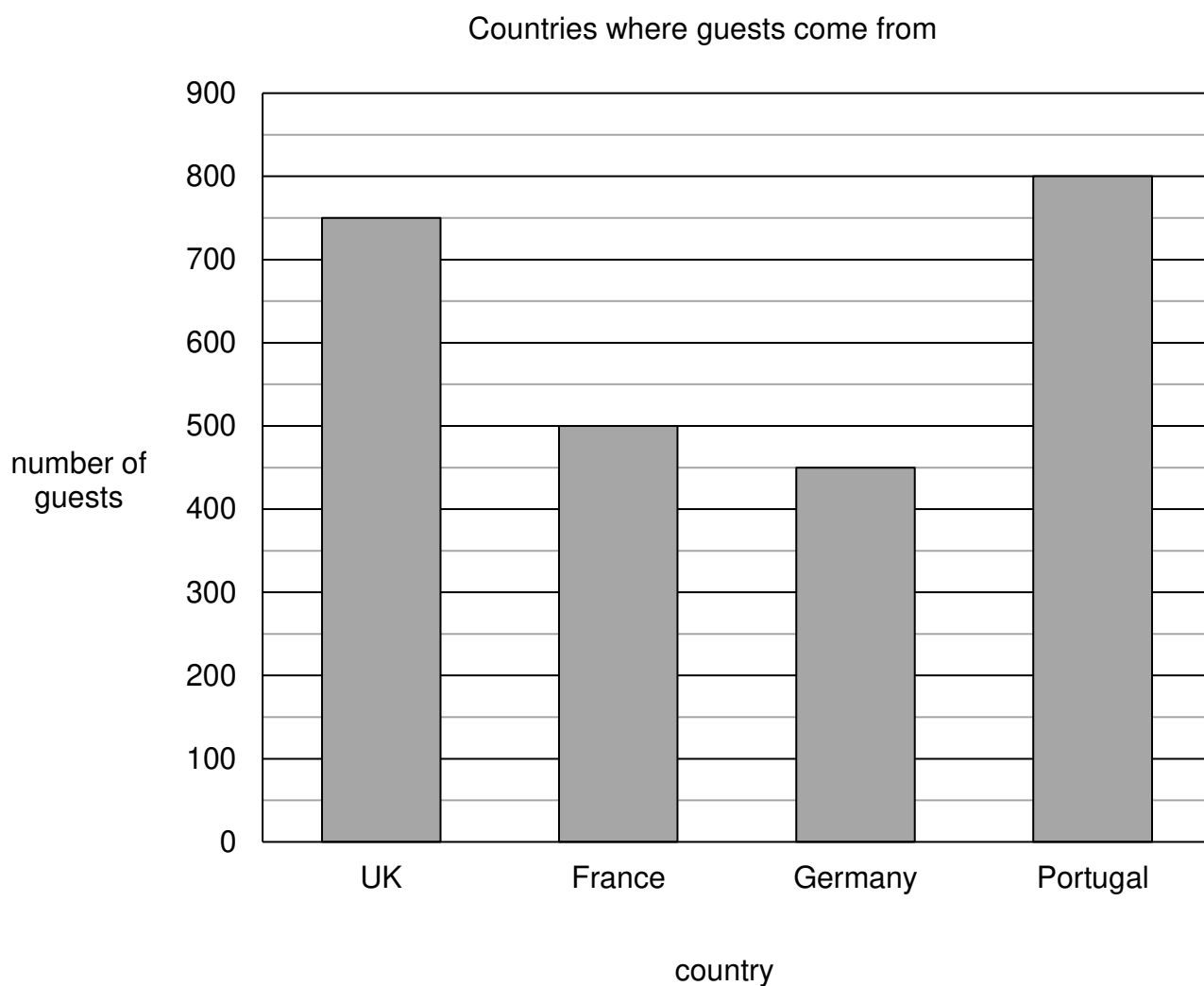
Give a reason for your answer.

[2 marks]



2 (b) Claire sees this bar chart on a hotel website.

It shows the countries where hotel guests come from.



Complete the frequency table to show this information.

[3 marks]







Please turn over

2 (c) Claire looks at the costs of two activities she can do while in Spain.

| Activity             | Cost (£) |
|----------------------|----------|
| hot air balloon ride | 144      |
| diving lessons       | 118      |

She thinks she will need £262 to do both.

Claire rounds each cost to the nearest 10 to check her answer.

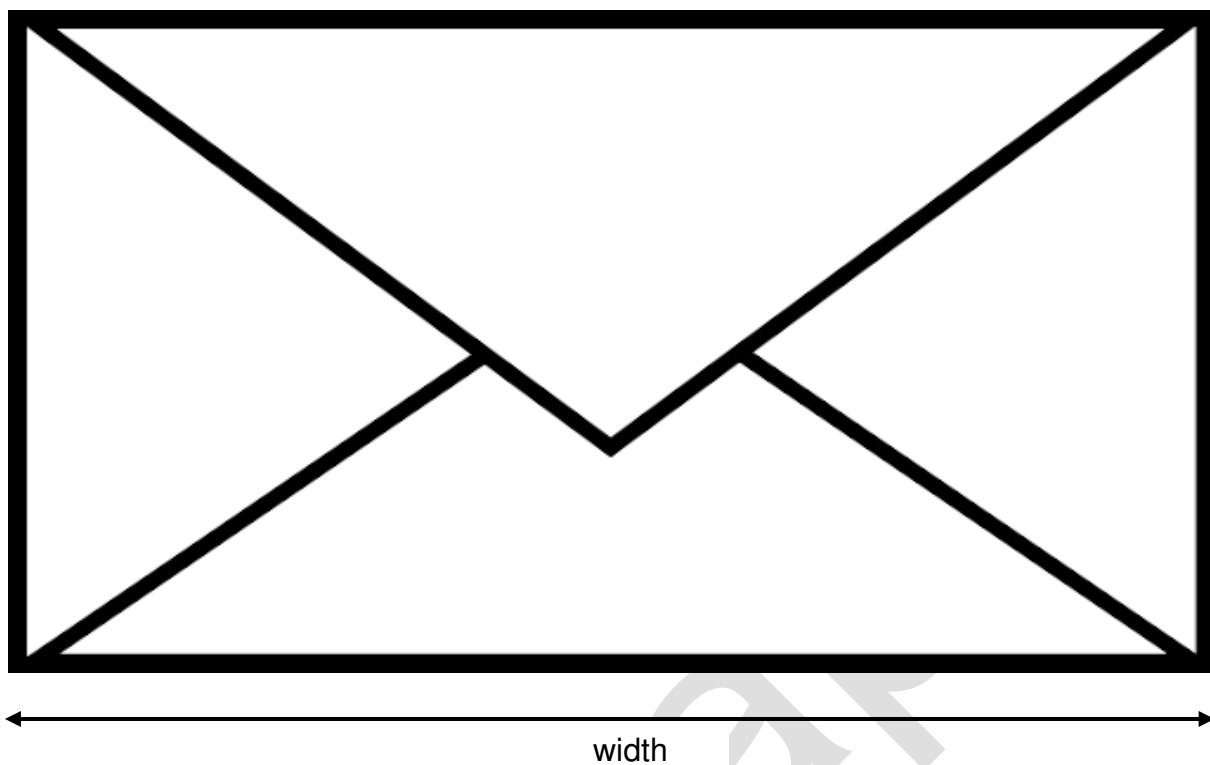
Show how she does this check.

[3 marks]



Blank area for showing the calculation.

2 (d) Claire buys an envelope to keep her travel money in.



Measure the width of the envelope.

[1 mark]



2 (e) Claire buys some euros.

She pays £145.59

Round £145.59 to the nearest £1

[1 mark]



[Total marks: 10]

Please turn over

### Activity 3: The airport

Claire goes to the airport.

**3 (a)** Claire's flight leaves at 6.35 pm

She has to be at the airport two hours before the flight leaves.

It will take her 55 minutes to get to the airport.

What is the latest time she could leave home?

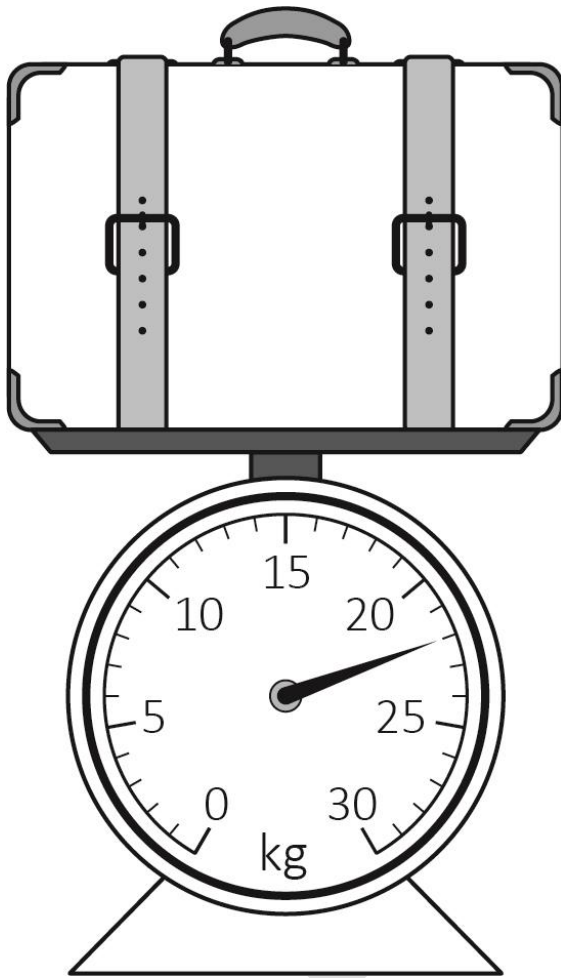
Write your answer in numbers using the 12 hour clock format.

**[3 marks]**



Blank area for writing the answer.

3 (b) Claire weighs her suitcase.



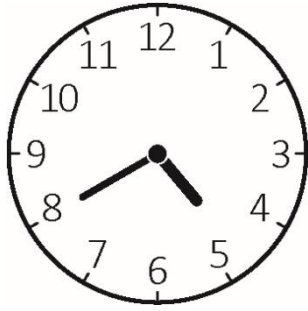
How much does her suitcase weigh to the nearest **labelled** division?

[1 mark]



Please turn over

**3 (c)** Claire gets to the check-in desk at this time.



What time does the clock show?

[1 mark]



**3 (d)** Six out of 10 bags have been loaded onto the plane.

What fraction of the bags have been loaded onto the plane?

[1 mark]



$$\frac{\square}{5}$$



3 (e) Claire sees this information in the airport.

The table shows the highest temperatures in Spain over four days.

| Day       | Temperature (°C) |
|-----------|------------------|
| Monday    | 16               |
| Tuesday   | 21               |
| Wednesday | 26               |
| Thursday  | 18               |

Complete the bar chart to show this information.

[3 marks]



Temperature (°C) each day in Spain



Please turn over

**3 (f)** Staff at the airport have two hundred and sixty nine stickers to put on the bags.

Write two hundred and sixty nine in numbers.

**[1 mark]**



**[Total marks: 10]**

past paper

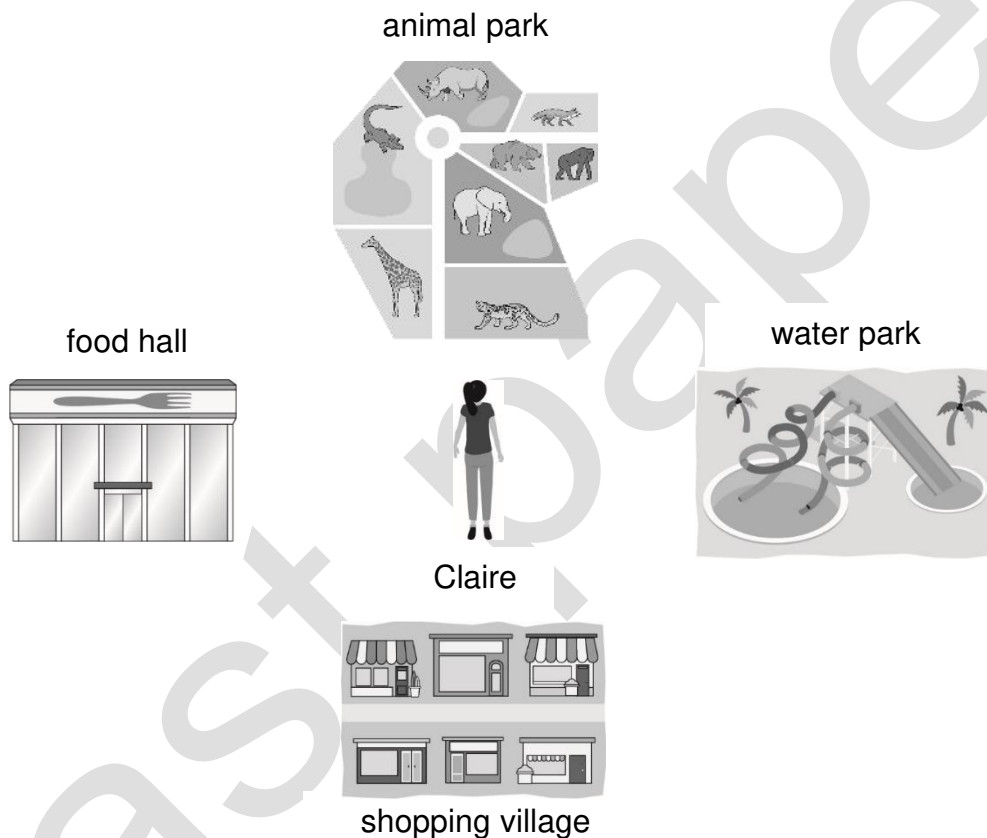
### Activity 4: Days out

Claire wants to have days out on her holiday.

4 (a) Claire visits a theme park.

She is standing in the centre, facing the animal park.

She turns to face the water park.



Which way does she turn?

Tick (✓) your answer.

[1 mark]

A ( ) quarter turn to the right

B ( ) quarter turn to the left

C ( ) half turn to the right

D ( ) half turn to the left

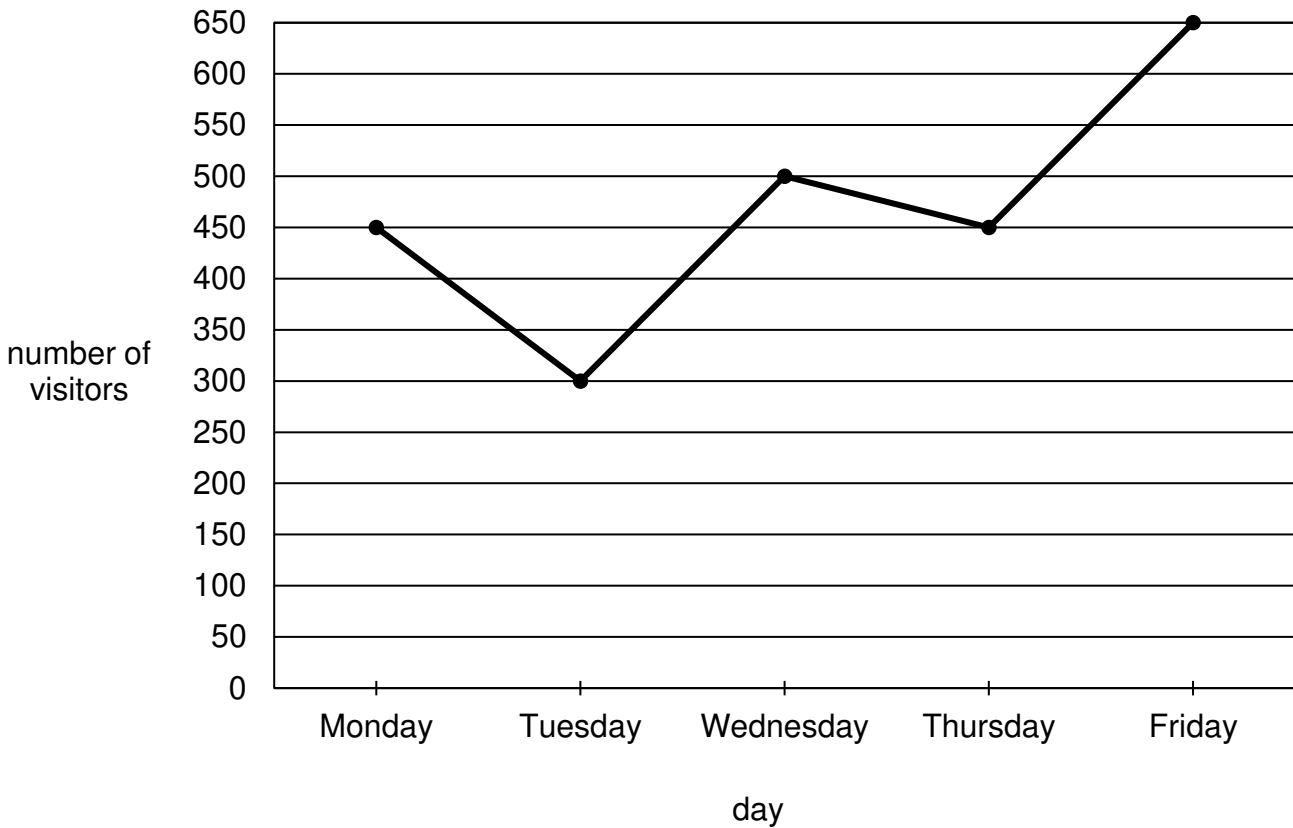


Please turn over

4 (b)

Claire sees this line graph showing the numbers of visitors to the theme park in the past week.

Visitors to the theme park



She thinks there were twice as many visitors on Wednesday than there were on Tuesday.

Is she correct?

Give a reason for your answer.

[3 marks]



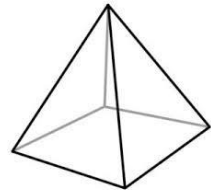
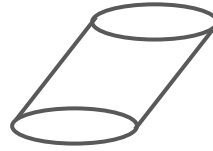
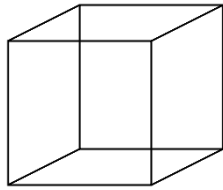
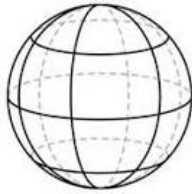
Blank area for writing the answer.

4 (c) Claire buys a snow shaker for her sister.

She does not want the snow shaker to have any right angles.

Tick (✓) the shapes that do not have right angles on any faces.

[2 marks]



A ( )

B ( )

C ( )

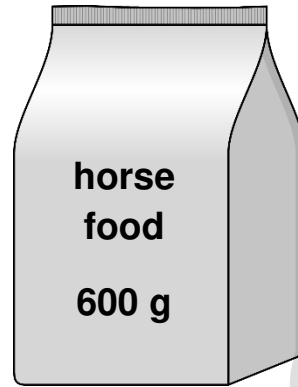
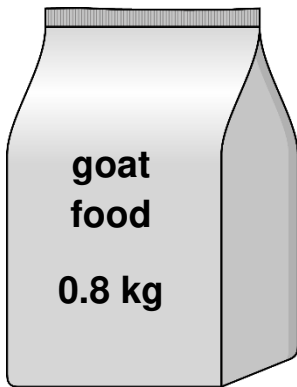
D ( )

past paper

Please turn over

4 (d) Visitors can feed the animals in the park.

The animal park sells bags of animal food.



Claire thinks that 0.8 kg is heavier than 600 g

Is she correct?

Give a reason for your answer.

[2 marks]



A large empty rectangular box for writing the answer.

4 (e) Bird food can be bought in five different weights.

The weights follow a sequence.

What are the next two weights?

[2 marks]



0.2 kg

0.25 kg

0.3 kg

\_\_\_\_\_ kg

\_\_\_\_\_ kg

[Total marks: 10]

This is the end of the internal assessment.