

Mathematics Workbook

Valid from September 2013 to August 2014

Functional Skills Qualification in Mathematics at Entry 3

Learner name

Learner signature and date

Work through the whole book.

- Answer every question.
- You can write or draw to show your answers in the workbook.
- You can use a calculator.

Your tutor may read the questions to you.

Ask your tutor if you do not understand any words.

You have up to 1 hour 30 minutes to complete the workbook.

Your tutor may give you objects to help you with the questions.

You will need:

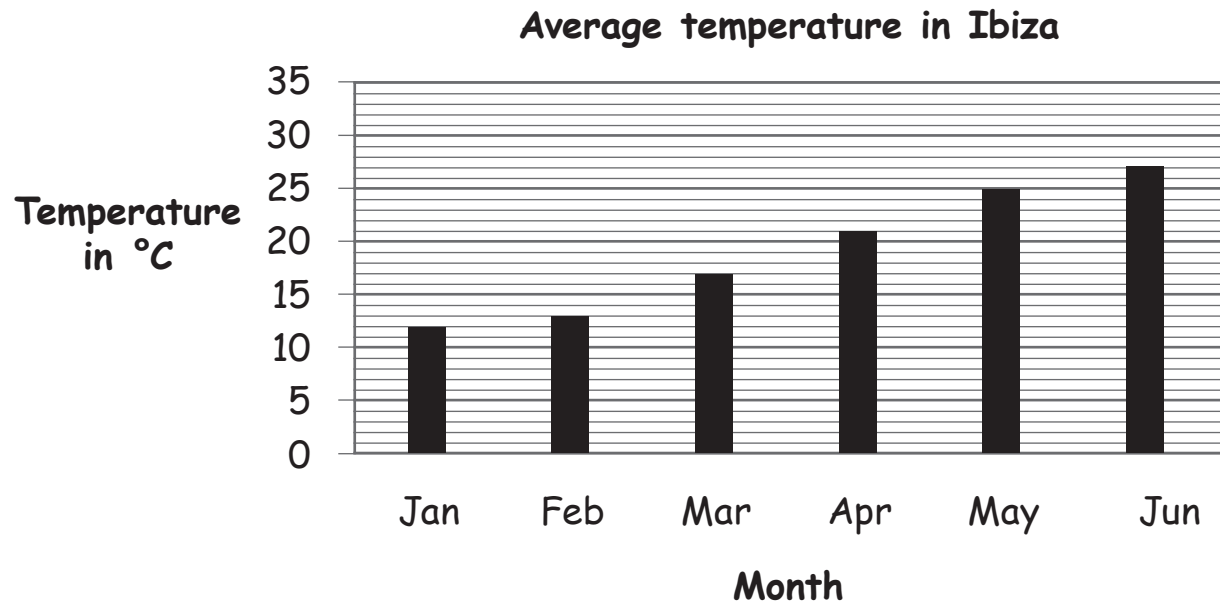
- Pencil
- Ruler
- Rubber

Turn over ►

1 Holiday

Ryan is going on holiday.

He looks at some average monthly temperatures in Ibiza.



Ryan wants to go to Ibiza when the average temperature is between 20°C and 26°C .

Which months have an average temperature between 20°C and 26°C ?

(2)

Write your answer in the box below.

Ryan chooses a hotel in Ibiza.

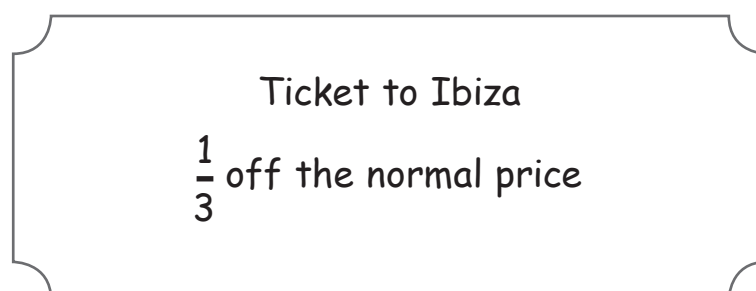
The cost of a room at the hotel is £96 for each night.

What is the total cost for 5 nights?

(2)

Write your working and your answer in the box below.

Ryan sees this special offer.



The normal price is £180

What is $\frac{1}{3}$ of £180?

(2)

Write your working and your answer in the box below.

2 Airport

Here is the price list at the airport cafe.

drinks		snacks	
coffee	£2.95	sandwich	£3.80
tea	£1.95	muffin	£2.15
water	£1.45	bagel	£2.90

Ryan wants one drink and one snack.

**Choose one drink and one snack for Ryan.
What is the total cost?**

(2)

Write your answers in the box below.

drink..... snack.....

total cost

Ryan has £8.65 to pay for the drink and the snack.

Does Ryan have enough money for the drink and the snack?

(2)

Write your working and your answer in the box below.

Ryan throws his rubbish in the recycling bin.



What is the name of the shape of the recycling bin?

(1)

Write your answer in the box below.

Ryan's plane goes at 9:45 am.

He needs to be at the gate 40 minutes before this.

What time should Ryan be at the gate?

(2)

Write your working and your answer in the box below.

3 Hotel

Ryan gets to the hotel.
There are 237 rooms in the hotel.

What is 237 rounded to the nearest 10?

(1)

Write your answer in the box below.

Ryan wants a room with a sea view.

All the rooms with even numbers between 110 and 236 have a sea view.

These are the available rooms.

107

89

212

50

176

37

Which of these rooms has a sea view?

(2)

Write the numbers of all the rooms with a sea view in the box below.

Ryan wants to swim in the pool.

He sees this sign.

Anyone under 120 cm must wear a
life jacket when using the pool.

Ryan is 1.75 m tall.

What is 1.75 m in centimetres?

(1)

Write your answer in the box below.

Does Ryan have to wear a life jacket?

(1)

Write your answer in the box below.

Ryan has a wake-up call at 4:30 am.

He goes to sleep at 10:30 pm.

How many hours are there between 10:30 pm and 4:30 am?

(2)

Write your working and your answer in the box below.