

# 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:

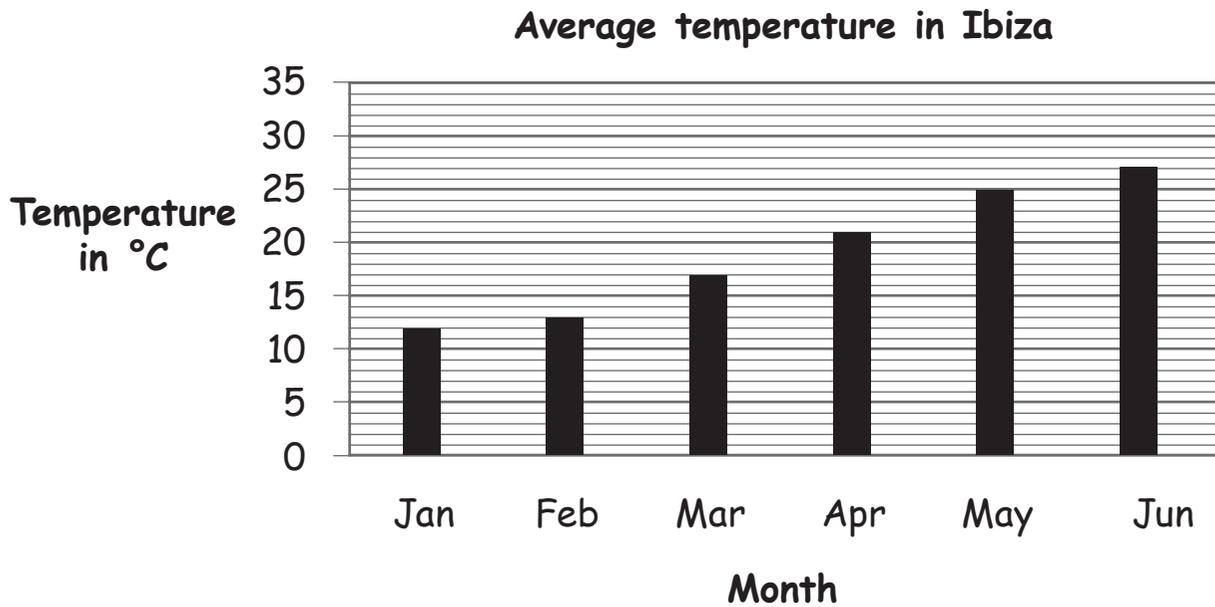
- Pencil
- Ruler
- Rubber

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  $20^{\circ}\text{C}$  and  $26^{\circ}\text{C}$ .

**Which months have an average temperature between  $20^{\circ}\text{C}$  and  $26^{\circ}\text{C}$ ?**

(2)

Write your answer in the box below.

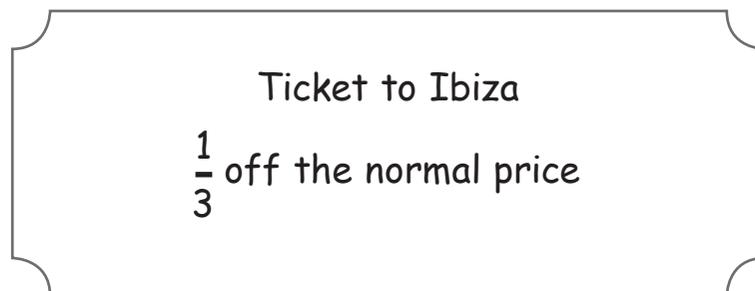
Ryan chooses a hotel in Ibiza.  
The cost of a room at the hotel is £96 for each night.

**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.