

Mathematics Workbook

Valid from September 2013 to August 2014

Functional Skills Qualification in Mathematics at Entry 2

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 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 to Ibiza in November.

In Ibiza half of the days in November are usually sunny.
There are 30 days in November.

What is half of 30?

(1)

Write your answer in the box below.

Ryan wants to choose a hotel in Ibiza.

He finds these hotels.
The prices are for one night.

| | | |
|-----------------------|-----------------------|-----------------------|
| Hotel A £79 | Hotel B £98 | Hotel C £83 |
|-----------------------|-----------------------|-----------------------|

Ryan chooses the lowest price.

Which hotel has the lowest price?

(1)

Tick (✓) the hotel with the lowest price.

Ryan pays

£350 to stay in the hotel

£150 for a plane ticket.

How much does Ryan pay in total?

(2)

Write your working and your answer in the box below.

2 Airport

Ryan needs to go to the airport.
He wants to leave home before 10:00 am.

What time could Ryan leave home?

(1)

Tick (✓) a time before 10:00 am.

8:30 am

1:30 pm

6:00 pm

4:00 pm

11:15 am

9:45 am

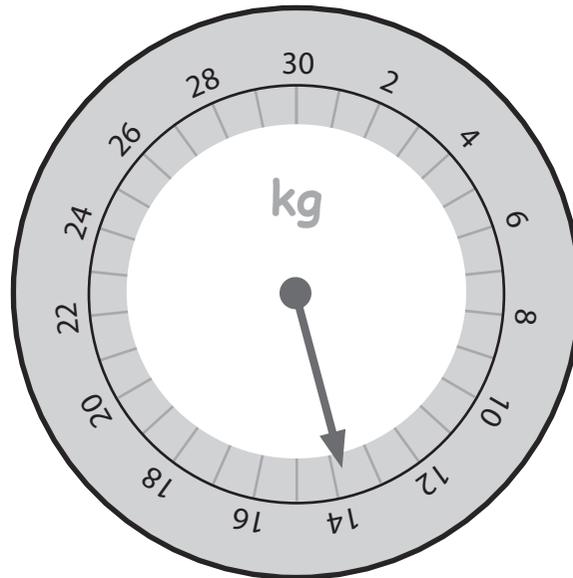
Ryan gets to the airport at 1:30 pm.
His plane goes 2 hours later.

What time does the plane go?

(1)

Write your answer in the box below.

Ryan weighs his suitcase.



How much does the suitcase weigh to the nearest kg?

(1)

Write your answer in the box below.

A suitcase must weigh less than 15 kg to go on the plane.

Does Ryan's suitcase weigh less than 15 kg?

(1)

Write your answer in the box below.

Here is the price list at the airport cafe.

| | | | |
|--------|----|----------|----|
| coffee | £3 | sandwich | £5 |
| tea | £2 | muffin | £2 |
| water | £1 | bagel | £4 |

Ryan buys a coffee, a sandwich and a bagel.

How much does Ryan pay in total for a coffee, a sandwich and a bagel?

(3)

Write your working and your answer in the box below.

Ryan pays with a £20 note.

How much change should Ryan get from his £20?

(2)

Write your working and your answer in the box below.

3 Hotel

The hotel has rooms with a bath or with a shower.
Rooms with odd numbers have a sea view.

Ryan wants a room with a bath and a sea view.

Here is a list of rooms.

| | |
|-------------|-------------|
| 20 — shower | 21 — bath |
| 22 — shower | 23 — shower |
| 24 — bath | 25 — shower |
| 26 — shower | 27 — bath |
| 28 — bath | 29 — shower |

Which rooms with odd numbers have a bath?

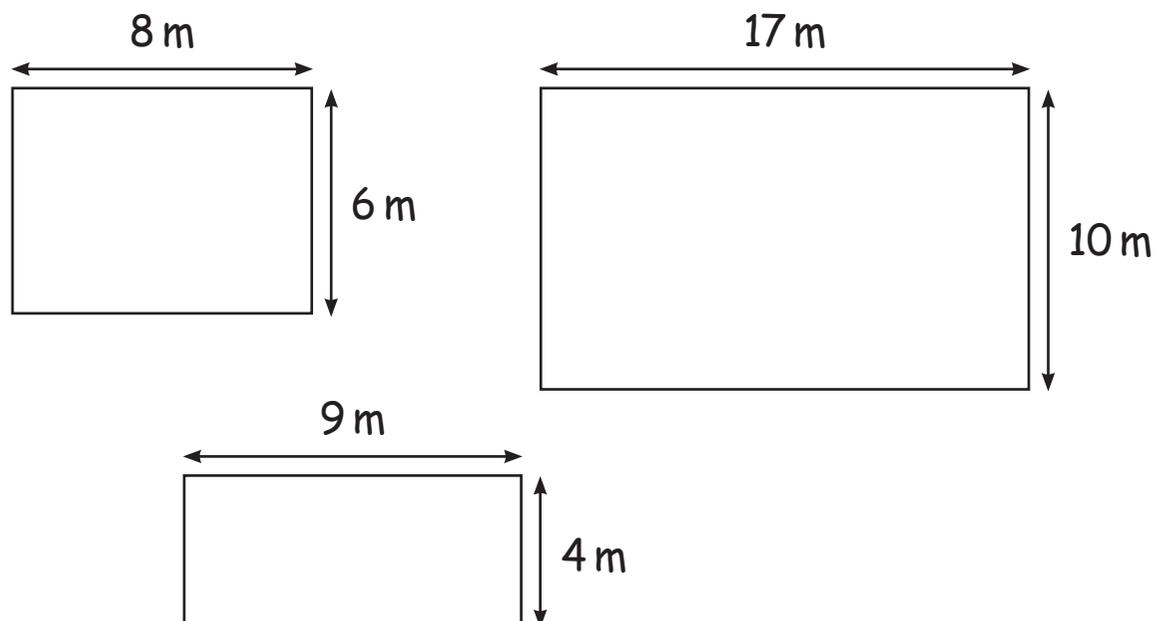
(2)

Tick (✓) all the rooms with odd numbers and a bath.

Ryan wants to swim at the hotel.

There are three pools.

The diagrams show the length and width of the pools.



Ryan wants to swim in the longest pool.

Which pool is the longest?

(1)

Tick (✓) the longest pool.

How many corners does this pool have?

(1)

Write your answer in the box below.

Ryan has dinner at the hotel.

The dinner costs £17
He pays with a £20 note.

He gets £4 change.
This is the wrong change.

Ryan checks the change by taking 17 away from 20

Check the change for Ryan.

(1)

Write your working and your answer in the box below.