

Mathematics Workbook

Valid from September 2016 to August 2017

Functional Skills Qualification in Mathematics at **Entry 2**

Learner name

Learner signature and date

Work through the whole workbook.

- 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 a:

- Pencil
- Ruler
- Rubber

Turn over ►

1 At the airport

Zack works for an airline.
The airline uses five check-in desks.

The numbers on the desks follow a pattern.

.....	44	46	48
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Two of the numbers are missing.

What are the two missing numbers?

(2)

Write your working and your answer in the box below.

.....	44	46	48
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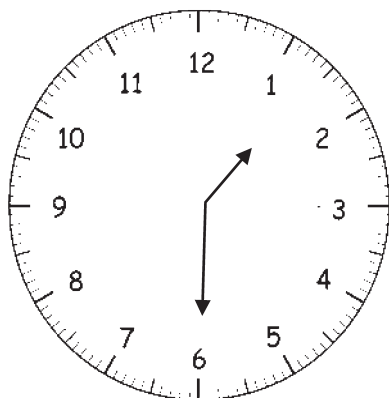
The first flight is at quarter past six in the morning.

Which clock shows quarter past six?

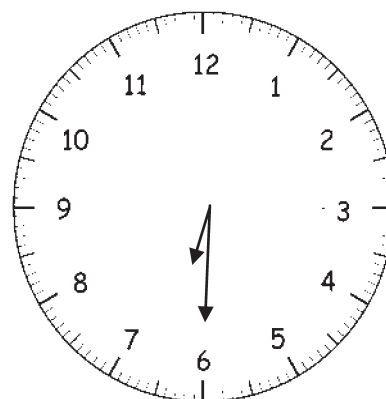
(1)

☐

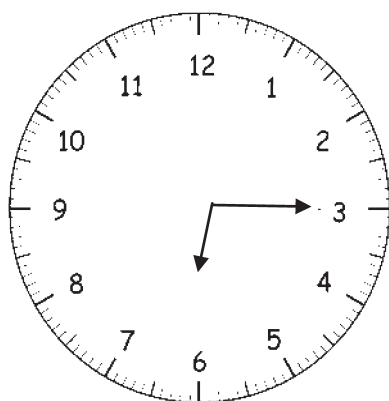
Tick (✓) the clock that shows quarter past six.



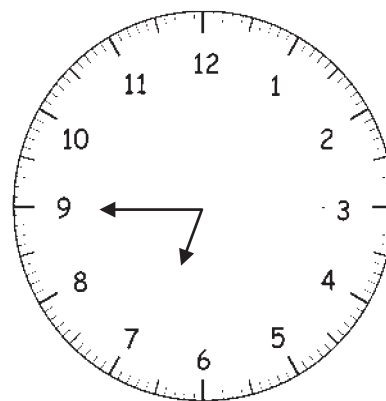
A ()



B ()



C ()



D ()

There are four flights in the morning.

Zack writes down the number of people on each flight.

Flight to	Number of people
Warsaw	94
Madrid	87
Paris	91
Berlin	79

Which flight has the most people?

(1)

☐

Tick (✓) the flight with the most people.

Warsaw ()

Madrid ()

Paris ()

Berlin ()

There are two groups of students on a flight.
This is the number of students in each group.

Group A	28
Group B	17

What is the total number of students?

(2)

Write your working and your answer in the box below.

The students have bags.

Here are the weights of four bags.

bag 1

23 kg

bag 2

15 kg

bag 3

31 kg

bag 4

24 kg

Which bag is the lightest?

(1)

☐

Tick (✓) the lightest bag.

bag 1 ()

bag 2 ()

bag 3 ()

bag 4 ()

The shape of this bag is a cuboid.



How many faces does a cuboid have?

(1)

Write your answer in the box below.

2 Before the flight

There are 96 people waiting for a flight.

Zack asks half of the people to get on the plane.

What is half of 96?

(2)

Write your working and your answer in the box below.

Double your answer to check it is correct.

(1)

Show your check in the box below.

Sue needs to know the gate number for the flight to Paris.

Flight to	Gate number
Warsaw	A13
Madrid	A09
Berlin	B15
Paris	A17
Athens	B10

What is the gate number for the flight to Paris?

(1)

Write your answer in the box below.

Sue goes to a cafe.

She buys 1 coffee and 2 sandwiches.

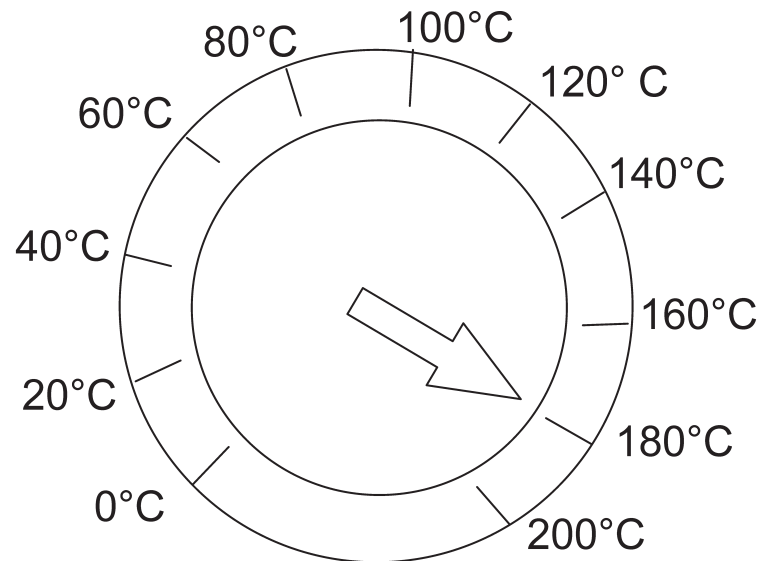
Price list	
Tea	£1
Coffee	£3
Juice	£2
Sandwich	£4
Fish and chips	£9
Pasta	£7

What is the total cost of 1 coffee and 2 sandwiches?

(3)

Write your working and your answer in the box below.

Sue asks for her sandwich to be heated.
The oven is set to this temperature.



What temperature is the oven set to?

(1)

Write your answer in the box below.

Sue buys some magazines.

The magazines cost £12 in total.

She pays with a £20 note.

How much change should Sue get?

(2)

Write your working and your answer in the box below.