

Mathematics Workbook

Valid from September 2016 to August 2017

Functional Skills Qualification in Mathematics at **Entry 3**

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 30 minutes 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.

He works on the check-in desk on the third Saturday of every month.

Here is a calendar for August 2017

Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

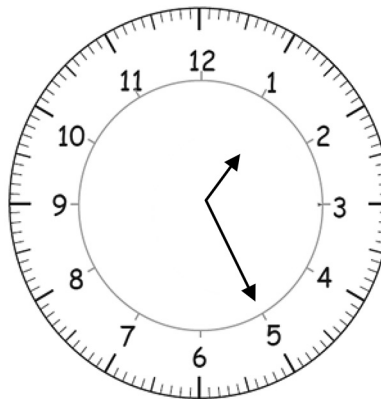
What is the date of the third Saturday in August 2017?

(1)

Write your answer in the box below.

Zack goes for his lunch in the afternoon.

The clock shows the time he goes for lunch.



What time does he go for lunch?

(1)

Write your answer in the box below.

There are four flights in the morning.

Zack writes down the number of people on each flight.

Flight to	Number of people
Warsaw	134
Madrid	161
Paris	109
Berlin	147

What is the total number of people on these flights?

(2)

Write your working and your answer in the box below.

The total number of people on flights in the afternoon is 434

What is 434 rounded to the nearest 10?

(1)

Write your answer in the box below.

A family chooses their seats for a flight.

There are 120 seats on the plane.

Zack knows that $\frac{1}{5}$ of the seats are available.

What is $\frac{1}{5}$ of 120?

(2)

☐

Write your working and your answer in the box below.

Check your answer is correct.

(1)

☐

Show your check in the box below.

The family has four bags.

Here are the weights of the four bags.

bag A 24.9 kg	bag B 30.7 kg	bag C 23.8 kg	bag D 31.1 kg
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Which bag is the heaviest?

(1)

☐

Tick (✓) the heaviest bag.

bag A ()

bag B ()

bag C ()

bag D ()

The shape of this bag is a cuboid.



Zack puts labels on 2 faces of the bag.

How many faces do not have labels?

(2)

Write your working and your answer in the box below.

2 Before the flight

Sue and Beth are going to Berlin in September.

Here is some information about the weather in Berlin in September.

Low temperature	10 °C
High temperature	19 °C
Average temperature	15 °C
Sunshine hours	7 hours
Rainfall	45 mm
Rainfall days	13 days

What is the average temperature in Berlin in September?

(1)

Write your answer in the box below.

Sue and Beth take a train to get to the airport.

Trains leave at these minutes past the hour.

The minutes follow this pattern.

5	11	17	23
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What are the next two numbers in this pattern?

(2)

Write your working and your answer in the box below.

5	11	17	23
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Sue and Beth go to a cafe.

Price list

Tea	£1.50
Coffee	£2.95
Juice	£2.15
Sandwich	£4.30
Fish and chips	£9.50
Pasta	£7.25

Sue buys 2 teas, 2 sandwiches and 1 pasta.

What is the total cost of 2 teas, 2 sandwiches and 1 pasta?

(3)

Write your working and your answer in the box below.

Sue buys 4 bottles of water.

Each bottle holds 500 millilitres of water.

How many litres of water in total does Sue buy?

(3)

Write your working and your answer in the box below.