

Mathematics Workbook

Valid from September 2014 to August 2015

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 a:

- Pencil
- Ruler
- Rubber

Turn over ►

1 Activity holiday

Max goes on holiday to an activity centre.

There are 3 routes to drive to the centre.

Route A
60 miles

Route B
66 miles

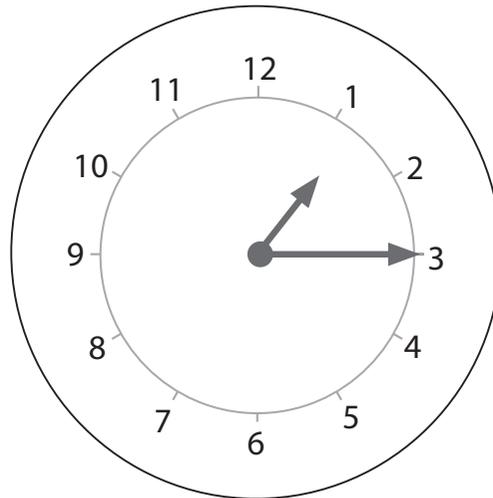
Route C
58 miles

Which is the shortest route?

(1)

Write your answer in the box below.

The clock shows the time Max leaves home.



What time does the clock show?

(1)

Write your answer in the box below.

Max takes Kim to the activity centre.

Kim pays half the cost of the petrol.

The petrol costs £32 in total.

How much is half of £32?

(2)

Write your working and your answer in the box below.

Max sees a warning sign on the road.

The shape of the sign is a triangle.

What is the shape of a triangle?

(1)



Draw a triangle in the box below.



Max buys some food.

Here is the price list.

Cake	£1.80
Biscuits	£2.40
Sandwich	£2.30
Chocolate	£1.00

Max buys 2 sandwiches.

How much does Max pay in total?

(3)

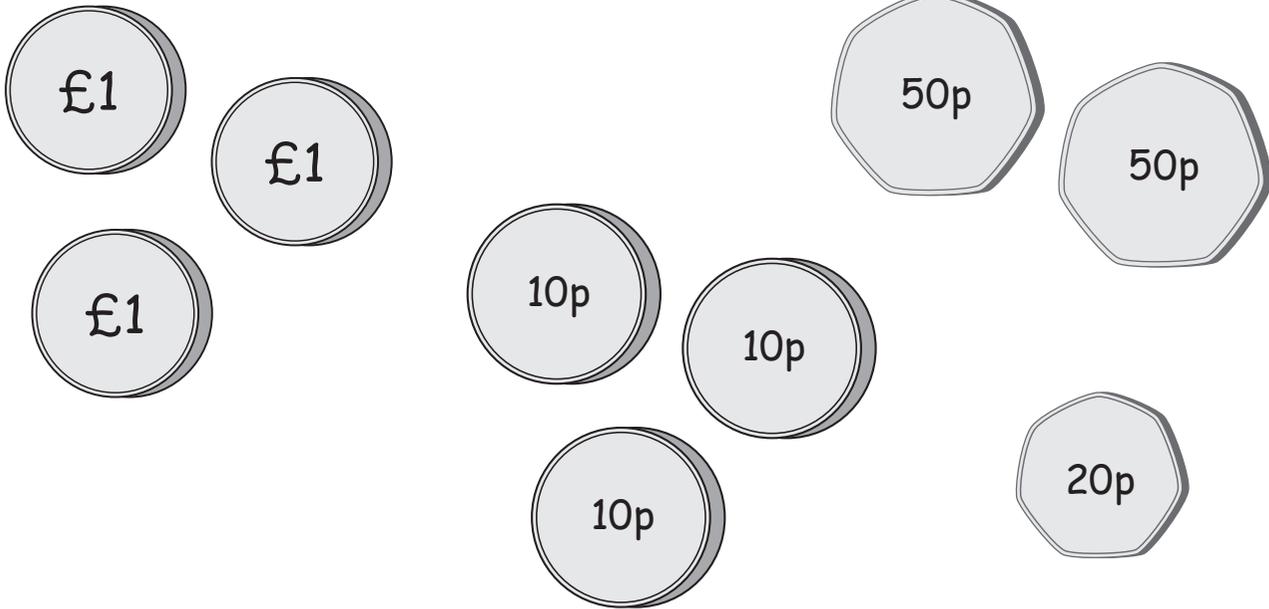
Write your working and your answer in the box below.

Kim buys biscuits for £2.40

Which coins can Kim use to pay £2.40?

(1)

Tick (✓) coins to make £2.40



2 Activities

These are the activities at the centre.

kayaking	£25
sailing	£9
zip wire	£48
rafting	£11
fitness course	£15

Which activity costs the most?

(1)

Write your answer in the box below.

Max chooses the zip wire and the kayaking activities.

kayaking	£25
sailing	£9
zip wire	£48
rafting	£11
fitness course	£15

What is the total cost of the zip wire and the kayaking activities?

(3)

Write your working and your answer in the box below.

Kim chooses sailing and rafting.

kayaking	£25
sailing	£9
zip wire	£48
rafting	£11
fitness course	£15

Kim thinks the total cost is £20

Subtract 11 from 20 to check if Kim is correct.

(1)

Write your answer in the box below.

Max goes kayaking.

Each kayak has a number.



Max chooses a kayak with an odd number.

10
()

11
()

12
()

13
()

14
()

Which of these numbers are odd numbers?

(1)

Tick (✓) all the odd numbers.

Max wants to go on the zip wires after lunch.

Lunch finishes at 2 pm.

Here are the start times for the zip wires.

10:30 am

12 noon

1:15 pm

1:45 pm

2:30 pm

3:15 pm

Choose a time after 2 pm.

(1)

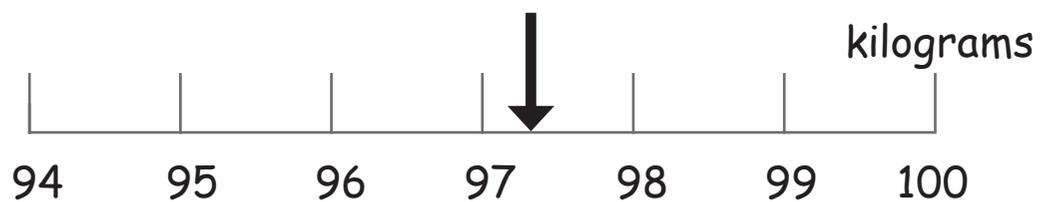
Tick (✓) the time in the list above.

Max sees this sign.

You must weigh less than 100 kg to go on the zip wires.



The scale shows how much Max weighs.



How much does Max weigh?

(1)

Write your answer in the box below.

Max and Kim do a fitness course.

They must walk along a log.



The shape of the log is a cylinder.

Which sentence is true about a cylinder?

(1)

Tick (✓) the sentence which is true.

- It has 6 faces.
- It has 4 corners.
- It has 7 sides.
- The ends are circles.
- The corners are right angles.