

Mathematics Workbook

Valid from September 2014 to August 2015

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 a:

- Pencil
- Ruler
- Rubber

Turn over ►

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PEARSON

1 Clothes shop

Tom works in a clothes shop.

Tom starts work at 9:00 am.

He works for 5 hours on Monday.

What time does Tom finish work on Monday?

(1)

Tick (✓) the time Tom finishes work.

4:00 am
()

2:00 am
()

5:00 pm
()

2:00 pm
()

1:00 pm
()

Tom gets £7 for each hour he works.

How much money does Tom get for working 5 hours?

(2)

Write your working and your answer in the box below.

Tom checks how much money the shop takes on Tuesday.

These are the times when Tom checks the money.

1100

1400

1700

?

The times follow a number pattern.

What is next in the number pattern?

(1)

Write your answer in the box below.

The shop takes £344 in the morning.

What is £344 to the nearest £10?

(1)

Write your answer in the box below.

Tom has 96 t-shirts to put on shelves.

There are 4 shelves.

Tom puts a quarter of the t-shirts on each shelf.

What is $\frac{1}{4}$ of 96?

(2)

Write your working and your answer in the box below.

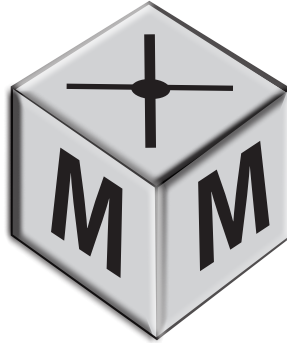
Show how you can check your answer is correct.

(1)

Write your check in the box below.

Tom puts jackets on hangers.
Each hanger has a label to show the size of the jacket.

The label is in the shape of a cube.



The letter M is on all the faces of the label apart from the top and bottom.

How many times is the letter M written on the label?

(1)

Write your answer in the box below.

How many corners does a cube have?

(1)

Write your answer in the box below.

Tom puts trainers out on display.

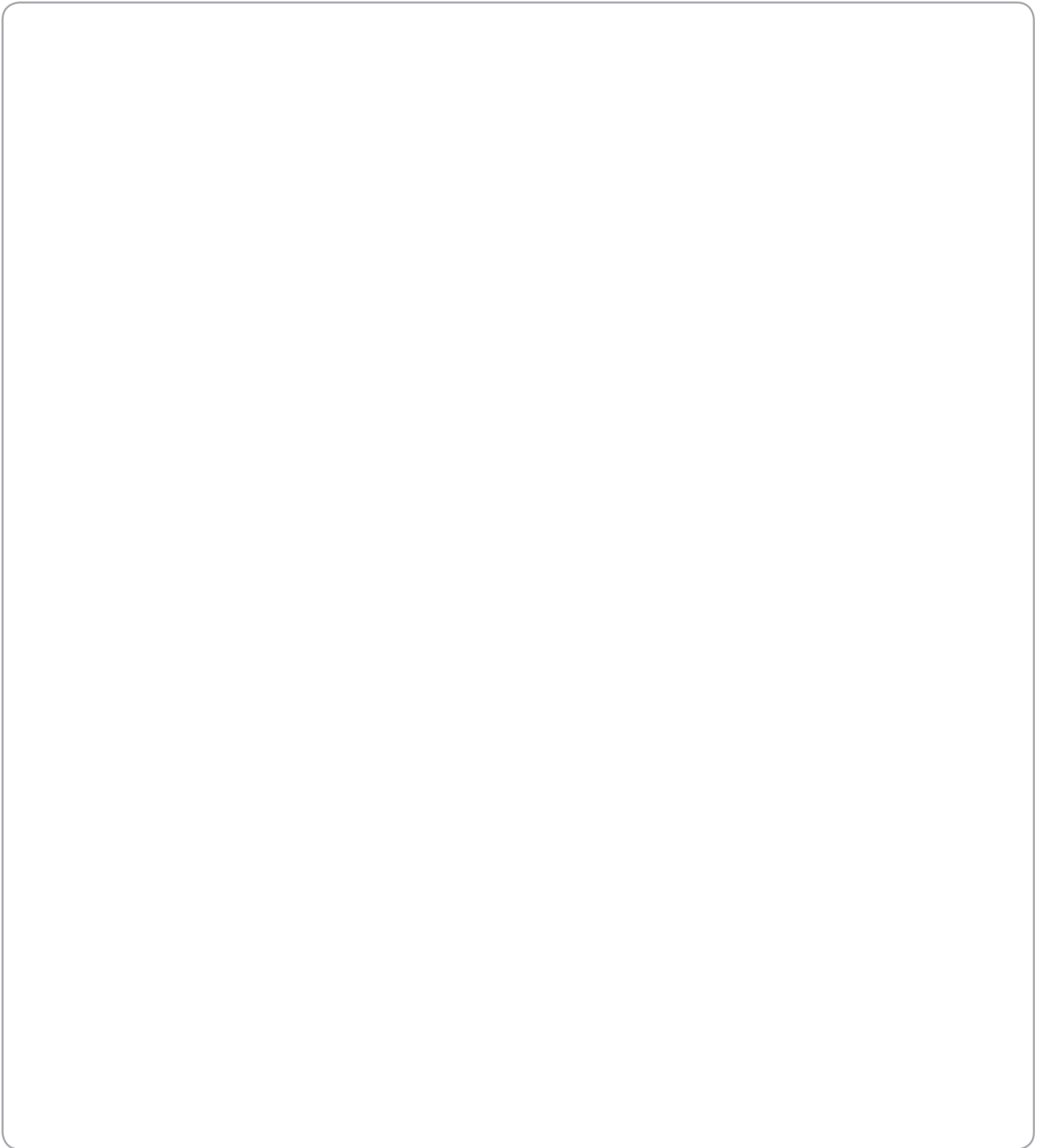
There should be a gap of 11 cm between the trainers.

Draw a straight line 11 cm long.

(1)



Use your ruler to draw the straight line in the box below.



Tom measures the display shelf for the trainers.

It is 300 centimetres long.

What is 300 centimetres in metres?

(1)

Tick (✓) the correct answer.

0.3 m
()

30 m
()

3 m
()

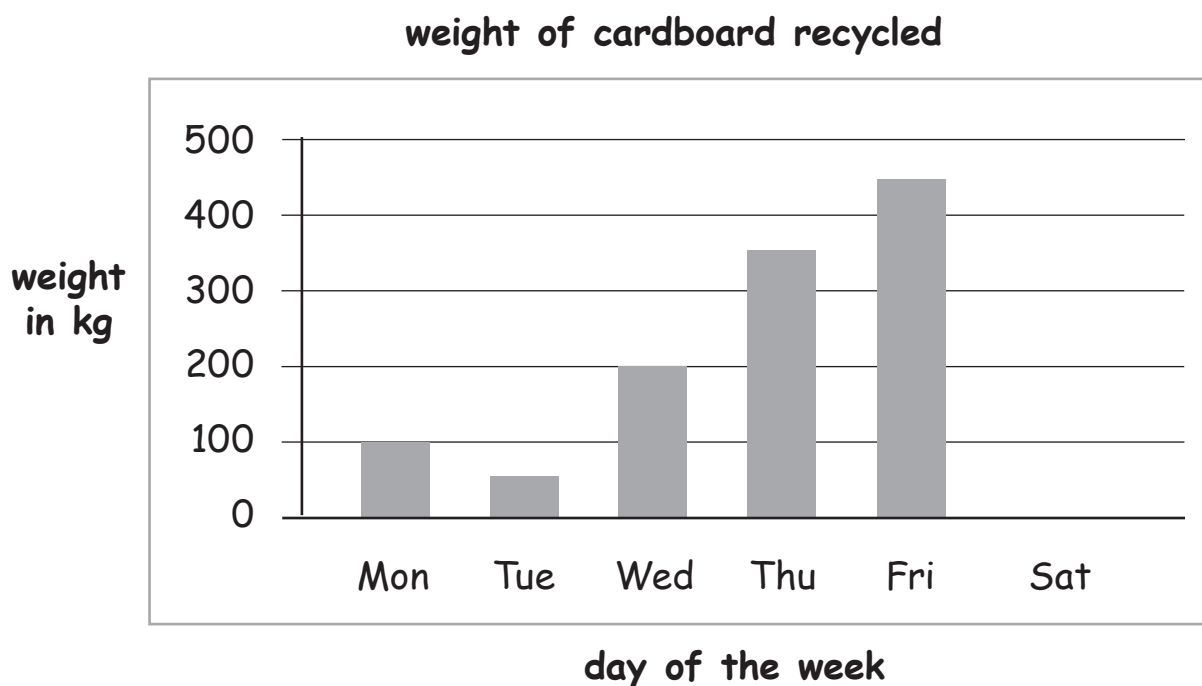
3000 m
()

300 m
()

2 Recycled cardboard

Wesley is the shop manager.

He makes this chart to show the weight of cardboard recycled last week.



How much cardboard was recycled on Wednesday?

(1)

Write your answer in the box below.

The shop recycled 400 kg of cardboard on Saturday.

Wesley needs to show this on the chart.

Draw the bar to show 400 kg on Saturday.

(1)

Draw the bar on the chart above.

3 Shopping

Jo buys a jacket and shoes.

The jacket costs £156

The shoes cost £72

What is the total cost of the jacket and the shoes?

(2)

Write your working and your answer in the box below.

Jo wants to buy 3 school shirts.

Here are the prices of shirts at two clothes shops.

Supertops
shirts
£4.60 each

New Fashion
pack of 3 shirts
£12

Jo thinks New Fashion is cheaper than Supertops.

How much cheaper are 3 shirts from New Fashion than 3 shirts from Supertops?

(4)

Write your working and your answer in the box below.