

## Mathematics Workbook

Valid from September 2011 to August 2012

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. Finding a job

You want a job in a shop.

Here are three jobs.

**Local Shop  
job**  
Pay: £72 a day

**Corner Shop  
job**  
Pay: £68 a day

**Food Shop  
job**  
Pay: £84 a day

You want to earn as much money as you can each day.

**Which job pays the most money for one day?**

(1)

Tick (✓) the job that pays the most.

Local Shop job .....

or

Corner Shop job .....

or

Food Shop job .....

How much do you get paid for working half a day at this shop?

(1)

Write your answer in the box below.

Sam and Ali both work at the Corner Shop.

Sam works for 35 hours a week.

Ali works for 25 hours a week.

Sam works for more hours each week than Ali.

**How many more hours?**

(1)

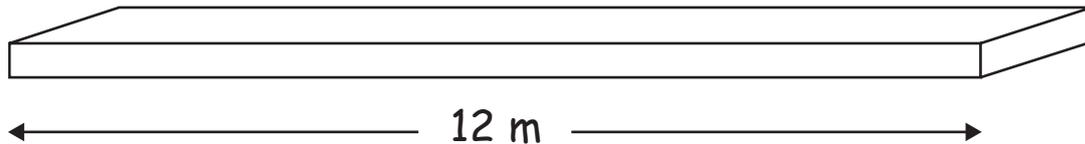
Write your answer in the box below.

## 2. Working in a shop

There are two shelves of tinned food in the shop.

Each of the shelves has a length of 12 m.

Here is one of the shelves.

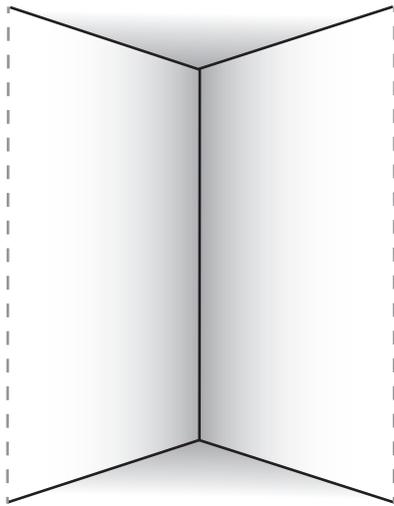


**What is the total length of the two shelves?**

(1)

Write your answer in the box below.

The manager of the shop has these bins for special offers.



corner of shop



The manager wants to fit one of the bins into a corner of the shop. The shape of the bin must be the same as the shape of the corner.

**Which bin fits into the corner?**

(1)

Tick (✓) the bin you have chosen.

Abi works in the shop.

Abi has a tea break in the afternoon.

Abi finishes work at six o'clock.

**Choose a time from the list below for Abi to start the tea break.**

(1)

Circle the time.

9 am

half past ten

14:30

12 noon

19:00

4 pm

The tea break is 30 minutes long.

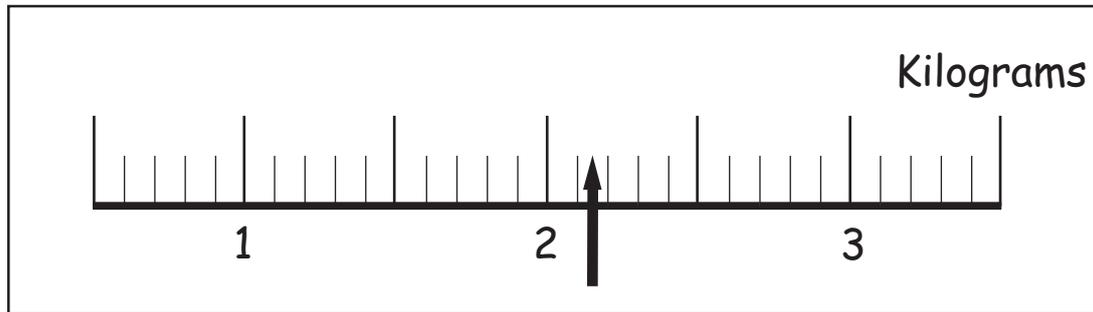
**What time does Abi's tea break end?**

(1)

Write your answer in the box below.

The shop sells apples.

Abi checks the weight of a bag of apples.



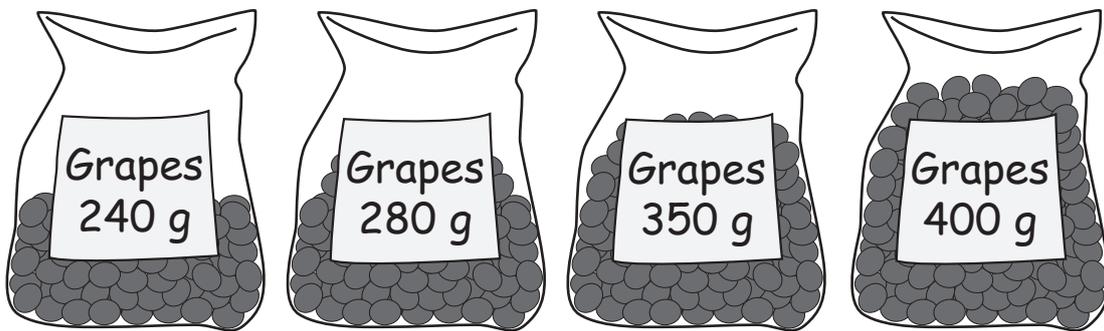
**What is the weight of the bag of apples?  
Give your answer to the nearest kilogram.**

(1)

Write your answer in the box below.

The shop sells bags of grapes.

The diagram shows the weight of the grapes in each bag.



A customer wants to buy grapes with a total weight between 500 grams and 600 grams.

**How can the customer do this?**

(1)

Write down one way in the box below.

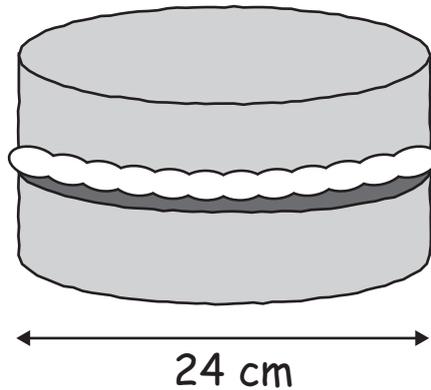
**What is the total weight of the bags of grapes you have chosen?**

(1)

Write your answer in the box below.

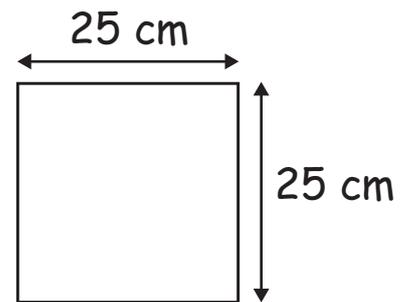
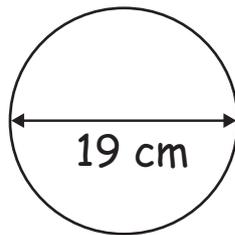
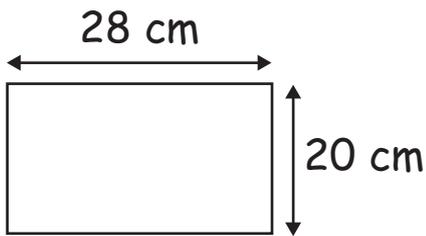
The shop sells cakes.

Here is one of the cakes.



Abi has to choose a tray to put the cake on.

Abi can choose from these three trays.



Choose a suitable tray to put the cake on.

(1)

Tick (✓) the tray you have chosen.

Customers can telephone to order their shopping.

Abi has to put the shopping into bags.

Here are two shopping lists.

Shopping list for  
Mr Khalid

loaf of bread  
small jar of coffee  
milk - 2 litres  
80 tea bags

Shopping list for  
Mrs Jones

loaf of bread  
milk - 1 litre  
160 tea bags  
large bottle of cola

Write down two things that are on both shopping lists.

(1)

Write your answers in the box below.

**Who has more tea bags on their shopping list?**

(1)

Tick (✓) the right answer in the box below.

Mr Khalid .....

or

Mrs Jones .....

**Write down one thing that is on one of the shopping lists, but is not on the other shopping list.**

(1)

Write your answer in the box below.

### 3. Working at the checkout



A customer buys this chocolate bar for 42p.

The customer pays with a 50p coin.

Abi gives the customer change from 50p.  
Abi gives the change using only 2p coins.

**Show how Abi can count up in 2s from 42 to 50.**

(2)

Fill in the blank spaces.

Abi counts up,

42, ..... , ..... , ..... , 50

Darren buys some food.  
The total cost is £23

Darren pays with two £20 notes.  
He gets £7 change.

This is the wrong change.

**Explain why.**

(2)

Write your answer in the box below.