

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 Buying sugar and flour

Stan works in a bakery.
He needs to buy some flour.

Flour is sold in sacks.
Each sack costs £18.70

Stan buys 2 sacks.

What is the total cost of 2 sacks of flour?

(2)

Write your working and your answer in the box below.

Stan also wants to buy some sugar.

Bags of sugar come in four different weights.

bag A
1.5 kg

bag B
2.5 kg

bag C
0.5 kg

bag D
2.25 kg

What is the weight of the heaviest bag?

(1)

Write your answer in the box below.

..... kg

Stan sees this offer.

Today only
Save $\frac{1}{4}$ on the cost of sugar

The normal cost of sugar is £56

What is $\frac{1}{4}$ of £56?

(2)

Write your working and your answer in the box below.

2 Making biscuits

Stan makes different types of biscuits.

Type of biscuit	Baking time (minutes)	Oven temperature (°F)
Oat	15	360
Ginger	30	350
Chocolate	12	325
Flapjack	25	375
Digestive	15	340

Which type of biscuit has the longest baking time?

(1)

Write your answer in the box below.

What is the oven temperature for flapjacks?

(1)

Write your answer in the box below.

Stan makes 273 biscuits in one day.

What is 273 rounded to the nearest 10?

(1)

Write your answer in the box below.

Stan starts to make flapjacks at 6.30 pm.

It takes 2 hours to make flapjacks.

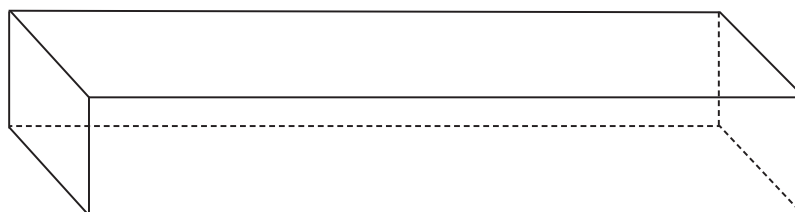
What time does Stan finish making flapjacks?

(2)

Write your working and your answer in the box below.

Stan makes flapjacks in the shape of a cuboid.

He puts chocolate along each edge of the flapjack.



How many edges does a cuboid have?

(1)

Write your answer in the box below.

This line shows the length of the flapjack.



Measure the length of this line in centimetres.

(1)

Write your answer in the box below.

..... centimetres

3 Bake sale

Stan wants a stall with shelves at a bake sale.

Each stall has a number.

The numbers on the stalls with shelves follow a pattern.

These are the first four numbers of the pattern:

302 305 308 311

What are the next two numbers in this pattern?

(2)

Write your answer in the box below.

302

305

308

311

.....

.....

Stan sells these biscuits and drinks at the bake sale.

PRICE LIST	
Oat biscuits (1 box)	£3.55
Ginger biscuits (1 box)	£2.75
Chocolate biscuits (1 box)	£4.90
Tea	£2.50
Coffee	£3.40
Water	£0.95

Amanda wants to buy one box of biscuits and one drink.
She only has £4.70

**Choose one box of biscuits and one drink for Amanda.
What is the total cost?**

(3)

Write your working and your answer in the box below.

Box of biscuits

Drink

Total cost

There are 5 chocolate biscuits in a box.

Lena wants to buy 35 chocolate biscuits for her family.

How many boxes of chocolate biscuits does Lena need?

(2)

Write your working and your answer in the box below.

Check your working is correct.

(1)

Show your check in the box below.