

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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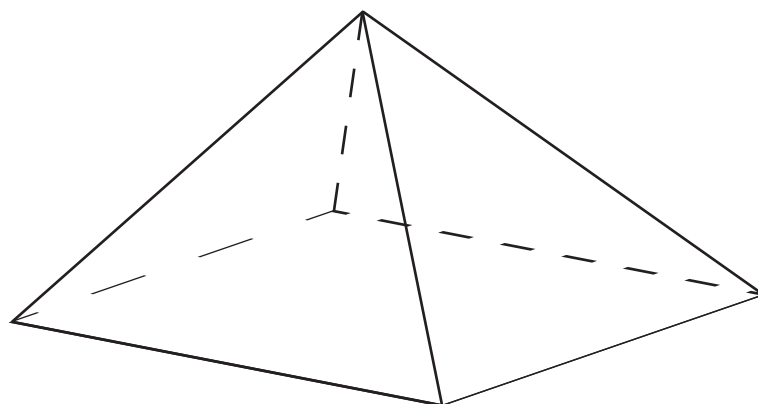
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PEARSON

1 Toy company

Kevin works for a toy company.
They make a new toy block.
This is the shape of the new block.



Kevin wants to put a logo on each face of the block.

How many faces does the block have?

(1)

Write your answer in the box below.

The toy blocks come in 3 different packs.
Here are the packs and their weights.

pack A
2.37 kg

pack B
1.94 kg

pack C
3.21 kg

What is the weight of the heaviest pack?

(1)

Write your answer in the box below.

Each pack is 0.5 metres wide.

What is 0.5 metres in centimetres?

(1)

Write your answer in the box below.

0.5 metres = centimetres

Kevin plans some meetings.

The meeting rooms cost £460 for 1 day.
Kevin needs a room for 2 days.

What is the total cost of the room for 2 days?

(2)

Write your working and your answer in the box below.

Kevin needs to book a room with a screen.
All the even numbered rooms between 101 and 225 have a screen.

Here is a list of rooms.

105

117

118

204

234

321

Kevin needs a room with an even number between 101 and 225

Which of these rooms could Kevin book?

(2)

☐

Write your answer in the box below.

The total cost for the room and the screen is £980
Kevin sees this special offer.

$\frac{1}{4}$ off the total cost if you pay early

Kevin pays early to get the special offer.

How much is $\frac{1}{4}$ of £980?

(2)

Write your working and your answer in the box below.

2 Meeting

The meeting starts at 9.30 am.

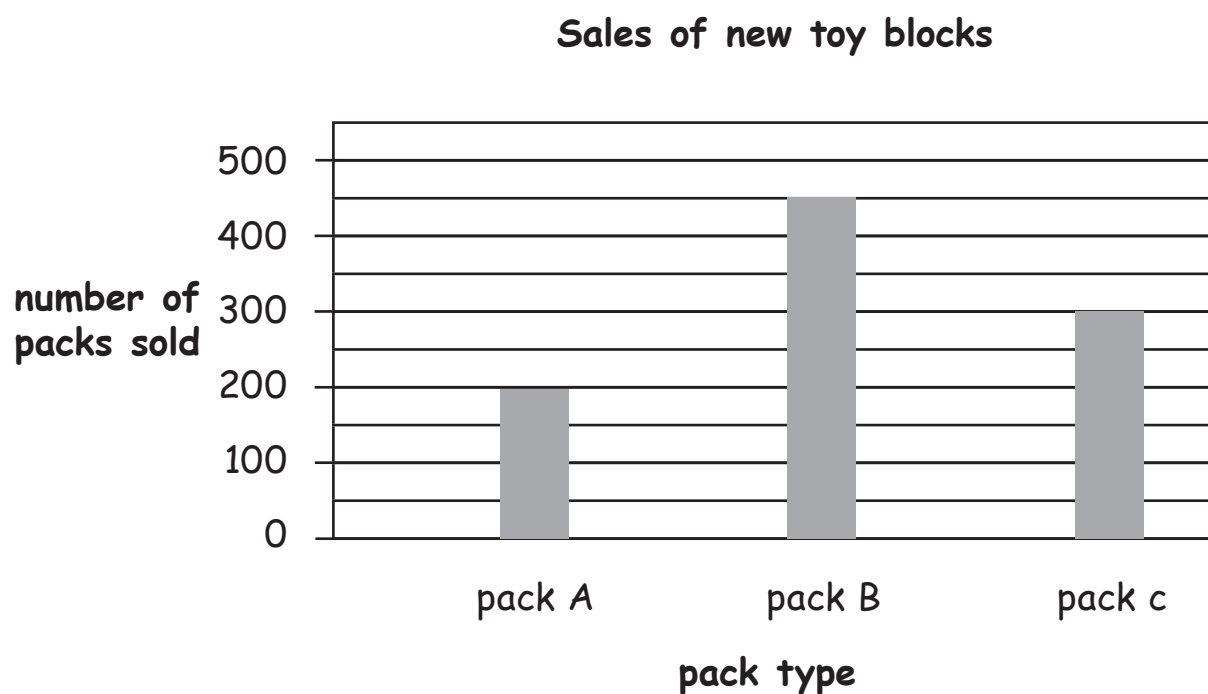
Kevin gets to the meeting room $1\frac{1}{2}$ hours before the meeting starts.

What time does Kevin get to the meeting room?

(2)

Write your working and your answer in the box below.

Kevin shows this chart of the sales of the new toy blocks in the last month.



Use the chart to find the total number of packs sold.

(3)

Write your working and your answer in the box below.

Kevin thinks that the sales of pack B will be 517 next month.

What is 517 rounded to the nearest 10?

(1)

Write your answer in the box below.

3 Coffee break

Kevin has a coffee break in the meeting.
He wants something to eat and drink during the break.

Snacks		Drinks	
Sandwich	£3.85	Coffee	£2.55
Muffin	£2.35	Tea	£1.40
Bagel	£3.20	Water	£1.10

Kevin has £4.50 to buy one snack and one drink.

Choose one snack and one drink for Kevin.

What is the total cost?

(3)

Write your working and your answer in the box below.

Snack

Drink

Total cost

In the afternoon Kevin buys a bottle of water for £1.10

He pays with a £2 coin.

He gets 90p change.

Check if Kevin gets the correct change.

(2)

☐

Write your check and your answer in the box below.