

Mathematics Workbook

Valid from January 2013 to August 2013

Functional Skills Qualification in Mathematics at Entry 1

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.

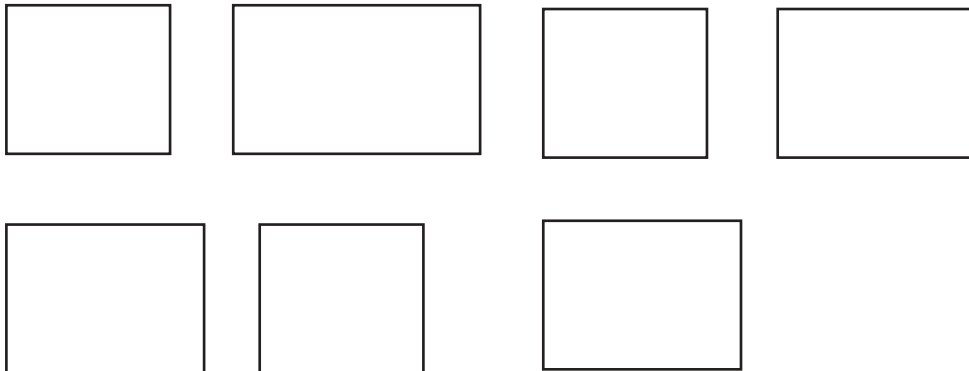
You will need:

- Pencil
- Ruler
- Rubber

Turn over ►

1 Working at a glass factory

Mel works at a glass factory.
He packs glasses in these cardboard boxes.



How many cardboard boxes are there?

(1)

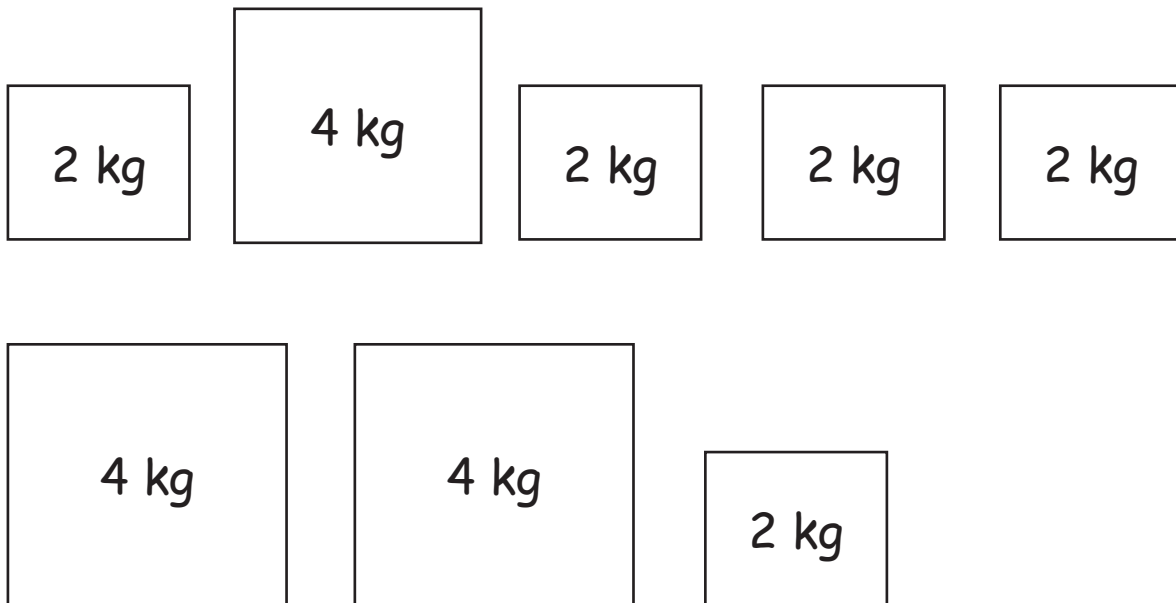
Write your answer in the box below.

Which is the widest cardboard box?

(1)

Tick (✓) inside the widest cardboard box.

Here are some boxes and their weights.



Mel must put

- the lightest boxes on the top shelf
- the heaviest boxes on the bottom shelf.

Show the number of boxes on each shelf.

(3)

Top shelf

Lightest boxes

Bottom shelf

Heaviest boxes

Mel has a roll of bubble wrap.

The length of the roll is 10 m

Mel uses 4 m of the bubble wrap.

What length of bubble wrap is left over?

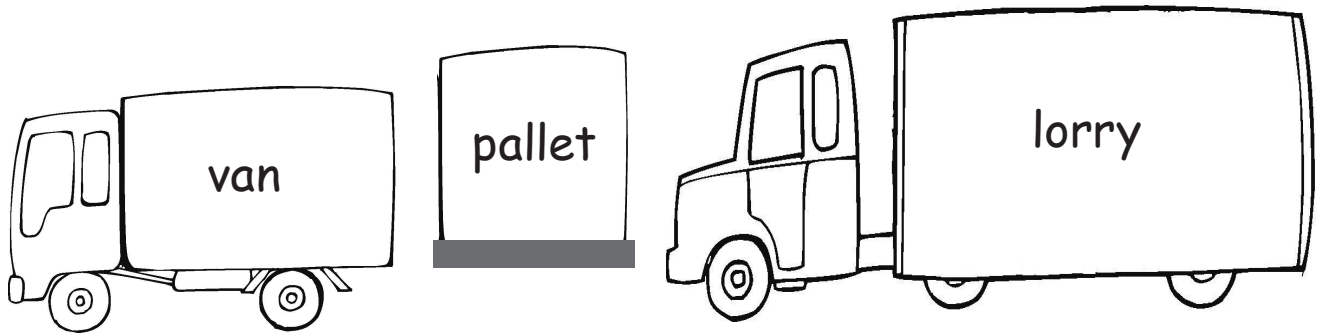
(2)

Write your working and your answer in the box below.

2 Delivery driver

Mel puts the boxes on a pallet.

He needs to put this pallet in the lorry or in the van.



Should Mel put the pallet in the lorry or in the van?

Show why you think this.

(1)

Tick (✓) the van or the lorry and tick (✓) one correct reason.

The van is taller than the pallet ☐

The pallet is too tall for the van ☐

The lorry is taller than the pallet ☐

The van is taller than the lorry ☐

Mel delivers glasses to these customers.

The labels show the customer and the value for each delivery.

Mr Hewitt
£80

Dave Finney
£70

Graham & Co
£70

Mrs Hudson
£90

Turner & Son
£30

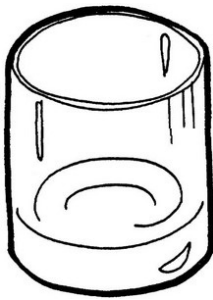
Which delivery has the highest value?

(1)

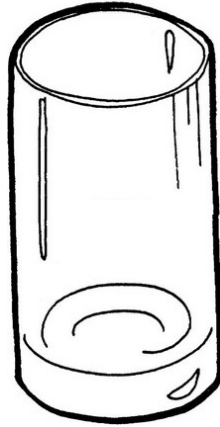
Tick (✓) the label.

3 The factory shop

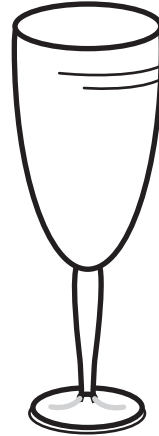
Nina wants to buy one of these glasses.



tumbler
£3



highball
£6



flute
£7

Choose a glass for Nina.

Tick (✓) the glass you have chosen.

Nina pays with a £10 note.

How much change should Nina get?

(2)

Write your working and your answer in the box below

Nina sees the menu at the cafe.

Snacks	
sandwich	50p
cake	40p
crisps	40p

Drinks	
tea	30p
coffee	30p
juice	20p

**Choose one snack and one drink for Nina.
What is the total cost?**

(2)

Write your working and your answers in the box below.

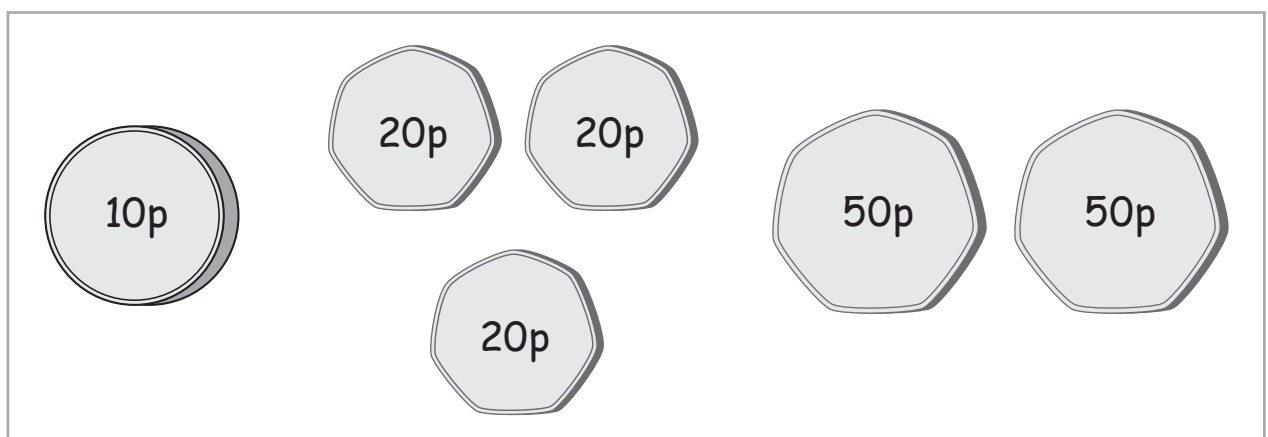
Snack..... Drink.....

Total cost

Which coins does Nina need to pay the exact total cost?

(1)

Tick (✓) the coins in the box below.



Nina sees this sign.

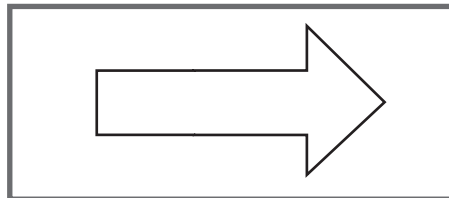


What is the name of the shape of this sign?

(1)

Write your answer in the box below.

Nina sees this sign at the exit.



Which way must Nina go?

(1)

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

Straight ahead

☐

Behind

☐

Left

☐

Right

☐