

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 ►

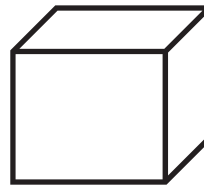
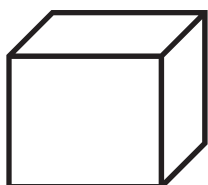
1 Parcels

Andy drives a delivery van.

This table shows the cost of delivery for one parcel.

	Type of delivery		
	2 to 5 days	24 hour	same day
Cost	£8.70	£14.60	£19.30

A customer wants to use 24 hour delivery for 2 parcels.



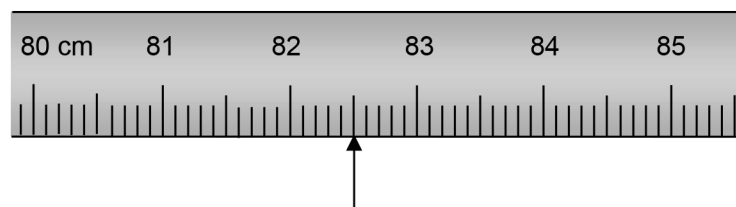
What is the total cost of delivery for these 2 parcels?

(3)

Write your working and answer in the box below.

Andy measures a parcel.

The arrow shows the length of the parcel.

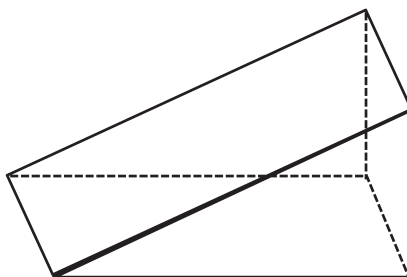


What is the length of the parcel?

(1)

Write your answer in the box below.

This is the shape of a parcel.



What is the name of this shape?

(1)

Tick (✓) the correct answer.

triangle

()

cuboid

()

pyramid

()

prism

()

Andy sticks tape on all the edges of this parcel.

How many edges does this shape have?

(1)

Write your answer in the box below.

There are 8 shelves in a delivery van.

Andy puts 10 parcels on each shelf.

How many parcels in total does Andy put on the shelves?

(2)

Write your working and answer in the box below.

Check your answer is correct.

(1)

Show your check in the box below.

Andy has the van serviced.
He also buys a new tyre.

The service costs £285

The tyre costs £69

What is the total cost of the service and the tyre?

(2)

Write your working and answer in the box below.

2 Delivering parcels

Andy has 60 parcels to deliver in one day.

He must deliver $\frac{1}{3}$ of the parcels in the morning.

What is $\frac{1}{3}$ of 60?

(2)

Write your working and answer in the box below.

Andy delivers a parcel to a block of flats.

Each flat has a number.

The numbers follow a pattern.

2 5 8 11

What are the next two numbers in the pattern?

(2)

Write your answer in the box below.

2 5 8 11

Andy drives 769 miles in one week.

What is 769 rounded to the nearest 100?

(1)

Write your answer in the box below.

The delivery van is 280 cm high.

Andy wants to drive the van under a bridge.

The bridge is 3 m high.

Is the van less than 3 m high?

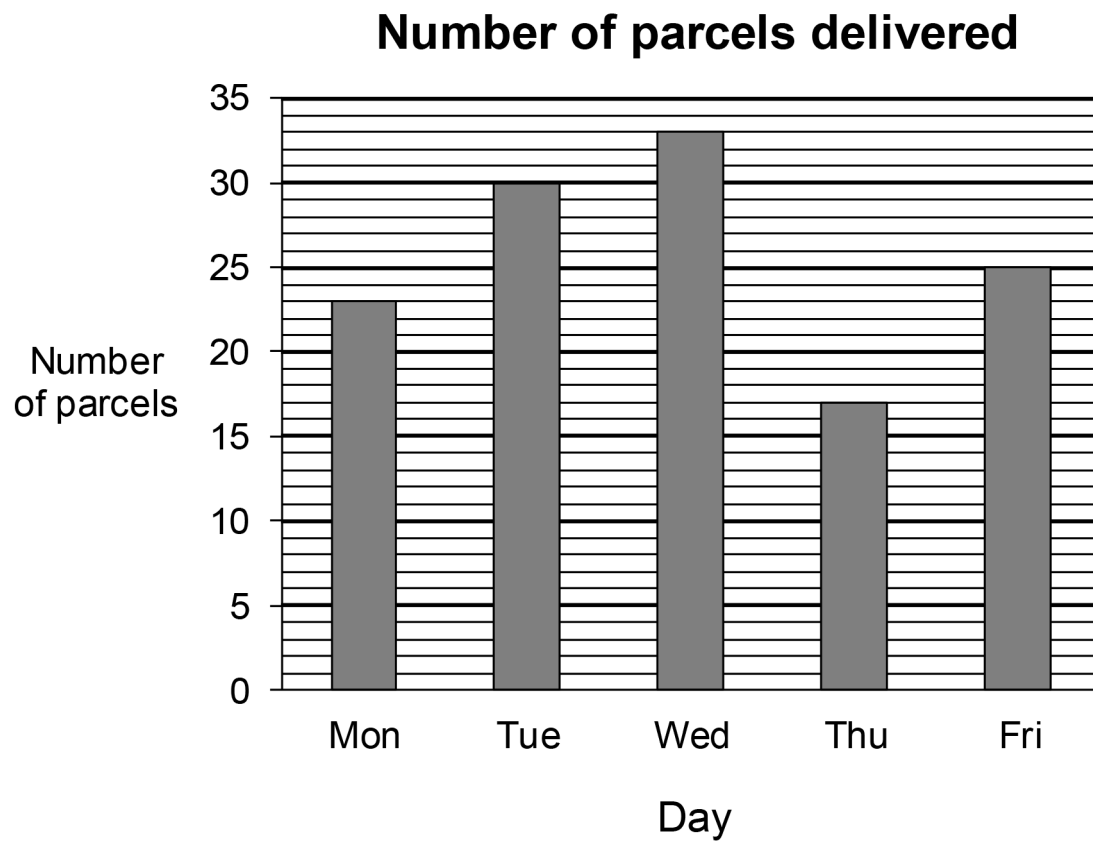
(2)

☐

You must show your working.

Write your working and your answer in the box below.

This bar chart shows the number of parcels delivered in one week.



How many parcels were delivered on Monday?

(1)

Write your answer in the box below.

Andy wants to buy a new van.

Here are the lengths of some vans.

Van A
Length 4.28 m

Van B
Length 4.8 m

Van C
Length 3.9 m

Van D
Length 4.73 m

He wants to buy the longest van.

Which van is the longest?

(1)

Write your answer in the box below.