Pearson Edexcel Functional Skills – Entry 2

Section A – Non-calculator

Mathematics

Sample Assessment Materials
for first teaching September 2019
Time: 25 minutes

Candidate name	
Candidate signature	Date

You must have a

- black or blue ink pen
- pencil
- ruler
- rubber.

Instructions

- Answer every question.
- You can write or draw to show your answers.
- You must **not** use a calculator.

Information

- The total number of marks for this section is 7.

Advice

- Read each question carefully.
- Check your work at the end.
- Ask if you do not understand any words.

Turn over ▶

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S 6 5 0 3 4 A

Pearson

1 Liv drives her car to work.
She works out the monthly cost of parking.

She does this calculation.

$$84 \square 12 = 7$$

What is the missing symbol? **(1)**

Tick (✔) the correct answer.

+	−
( )	( )
×	÷
( )	( )

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2 Liv is thinking about going to work by bus.

The journey by bus takes 52 minutes.

The journey by car takes 35 minutes.

Liv says the car takes 23 minutes less than the bus.

Is Liv correct?

You must show your working. **(2)**

Show your working and your answer in the box below.

Tick (✔) the correct answer.

Yes ( ) No ( )

3 Liv drives 9 km between home and work 8 times a week.

She works out how far she drives in a week.

$8 \times 9 =$ ☐

Complete the calculation. **(1)**

☐

Show your answer in the box below.

$8 \times 9 =$ _____ km

4 At work Liv puts apple pies into boxes.

Liv has 42 apple pies.

Each full box has 9 apple pies.

How many full boxes of apple pies does Liv have?

Show how many apple pies are left over. **(3)**

Show your working and your answers in the box below.

_____ full boxes

_____ apple pies left over

Pearson Edexcel Functional Skills – Entry 2

Section B – Calculator

Mathematics

Sample Assessment Materials
for first teaching September 2019
Time: 65 minutes

Candidate name

Candidate signature	Date

You must have a

- black or blue ink pen
- pencil
- ruler
- rubber
- calculator.

Instructions

- Answer every question.
- You can write or draw to show your answers.
- You may use a calculator.

Information

- The total number of marks for this section is 21.

Advice

- Read each question carefully.
- Check your work at the end.
- Ask if you do not understand any words.

Turn over ▶

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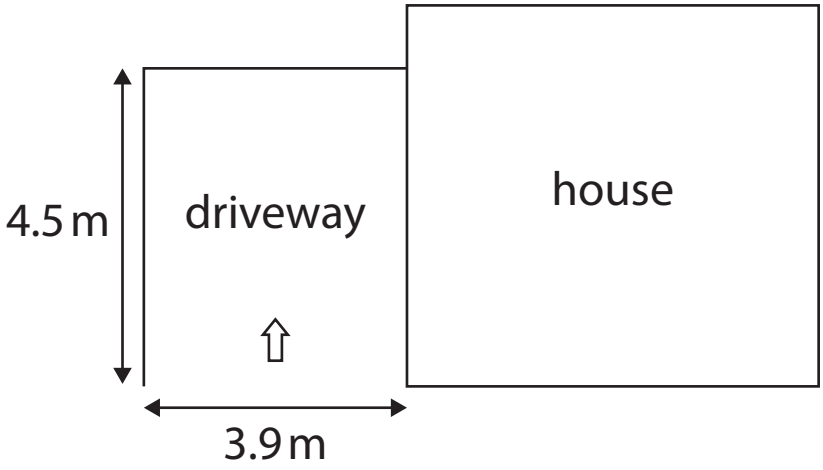
Pearson

1 Alex wants to buy a car.

He has a plan of his house and driveway.



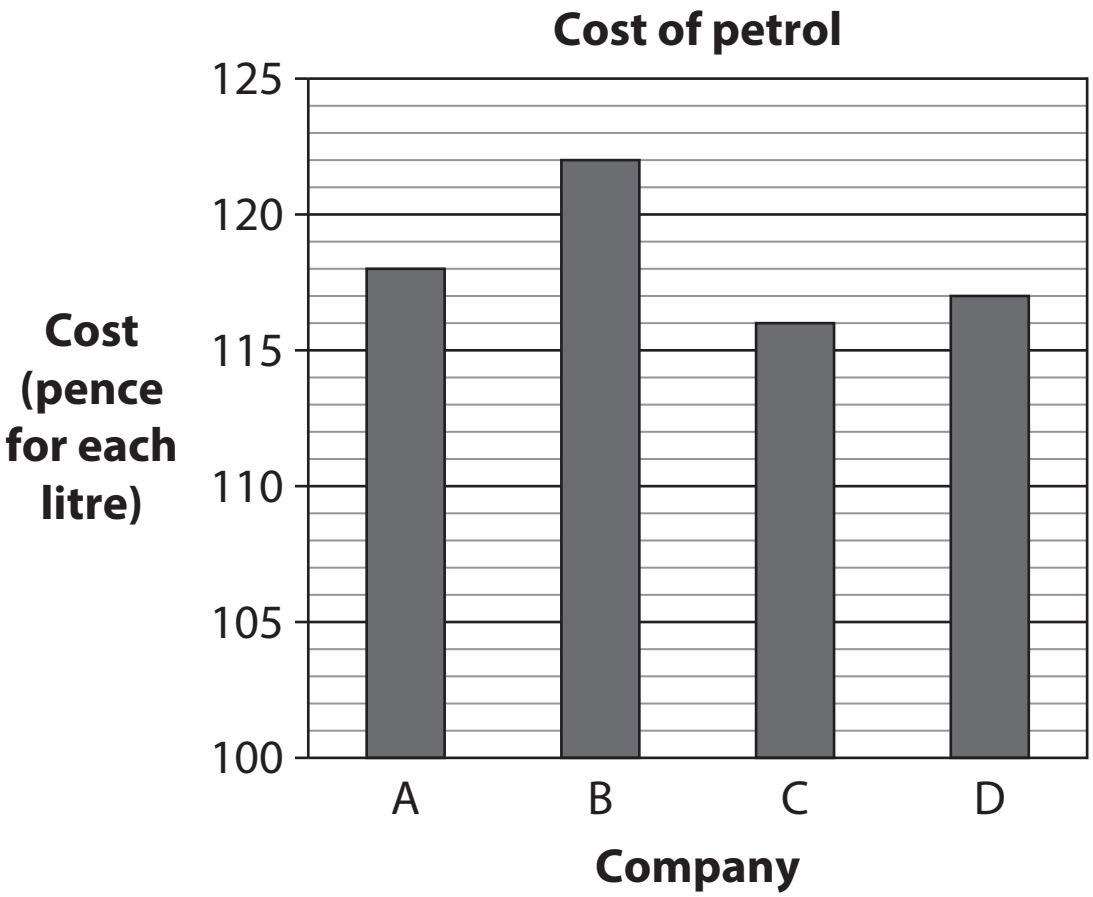
Alex wants the longest car that fits his driveway.

Length of cars for sale						
car	A	B	C	D	E	F
length (m)	4.2	3.8	4.6	4.8	4.4	4.7

Which car will Alex choose? **(1)**

Show your answer in the box below.

2 The chart shows the costs of petrol from different companies.



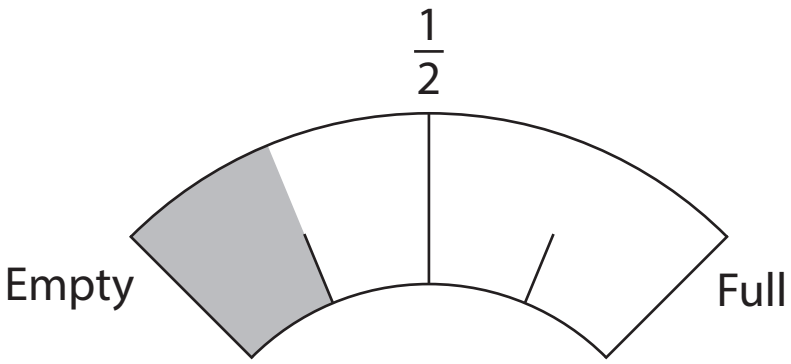
How much more does petrol cost from company B than company D? **(1)**

Show your answer in the box below.

_____ pence for each litre

3 Alex has a full tank of petrol on Monday.

The diagram shows his petrol gauge on Friday.



What fraction of the petrol is left? **(1)**

Show your answer in the box below.

4 Alex needs to buy petrol.

He goes to the nearest service station that is open.

Which service station does he choose? **(1)**

Tick (✔) the correct answer.

distance 7 km closed	distance 19 km open
( )	( )
distance 23 km closed	distance 17 km open
( )	( )
distance 22 km open	distance 15 km closed
( )	( )

5 Alex and his friend go to a concert by car.

The 2 friends share the cost equally.

The cost of the journey is £36

How much money does each of them pay?

Use the correct symbol for money. **(3)**

Show your working and your answer in the box below.

6 (a) Round 36 to the nearest 10 **(1)**

Show your answer in the box below.

(b) Use the rounded number to check your answer to question 5 **(1)**

Show your check in the box below.

7 Alex needs to buy car wax.

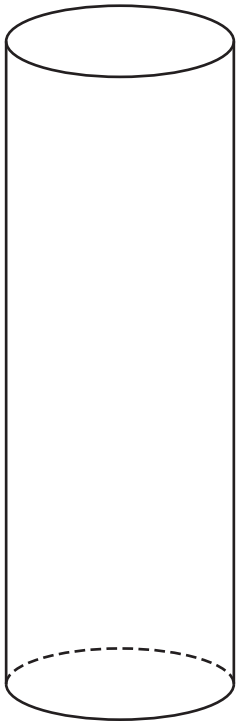
Price list	
Turbo jet washer	£55
Solo car wax	£32
Quix car wax	£26
Kleano screen wash	£21
Auto car wax	£19
Handy brush	£13
Maxon wheel cleaner	£11

Alex has £25 to spend.

Which car wax can Alex buy? **(1)**

Show your answer in the box below.

8 This is the shape of a can of cleaning spray.

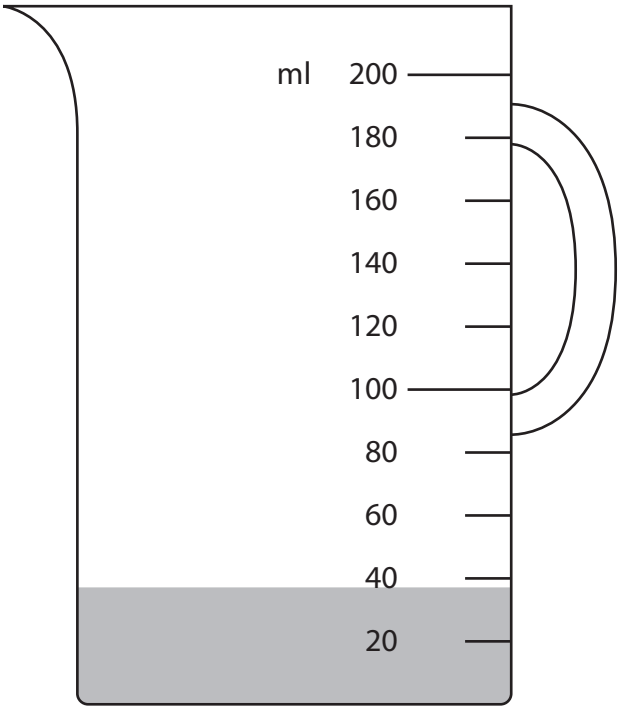


What is the name of this shape? **(1)**

Show your answer in the box below.

9 Alex makes a mixture of screen wash and water.

He pours screen wash into a measuring jug.



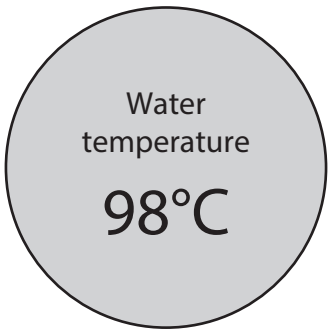
Alex will add 80 ml of water to the jug.

How much mixture will he have to the nearest division?

Use the correct unit for capacity. **(3)**

Show your answer in the box below.

10 Alex looks at the water temperature gauge in his car.



The normal water temperature is 79°C.

How much hotter is the water than normal? **(2)**

Show your working and your answer in the box below.

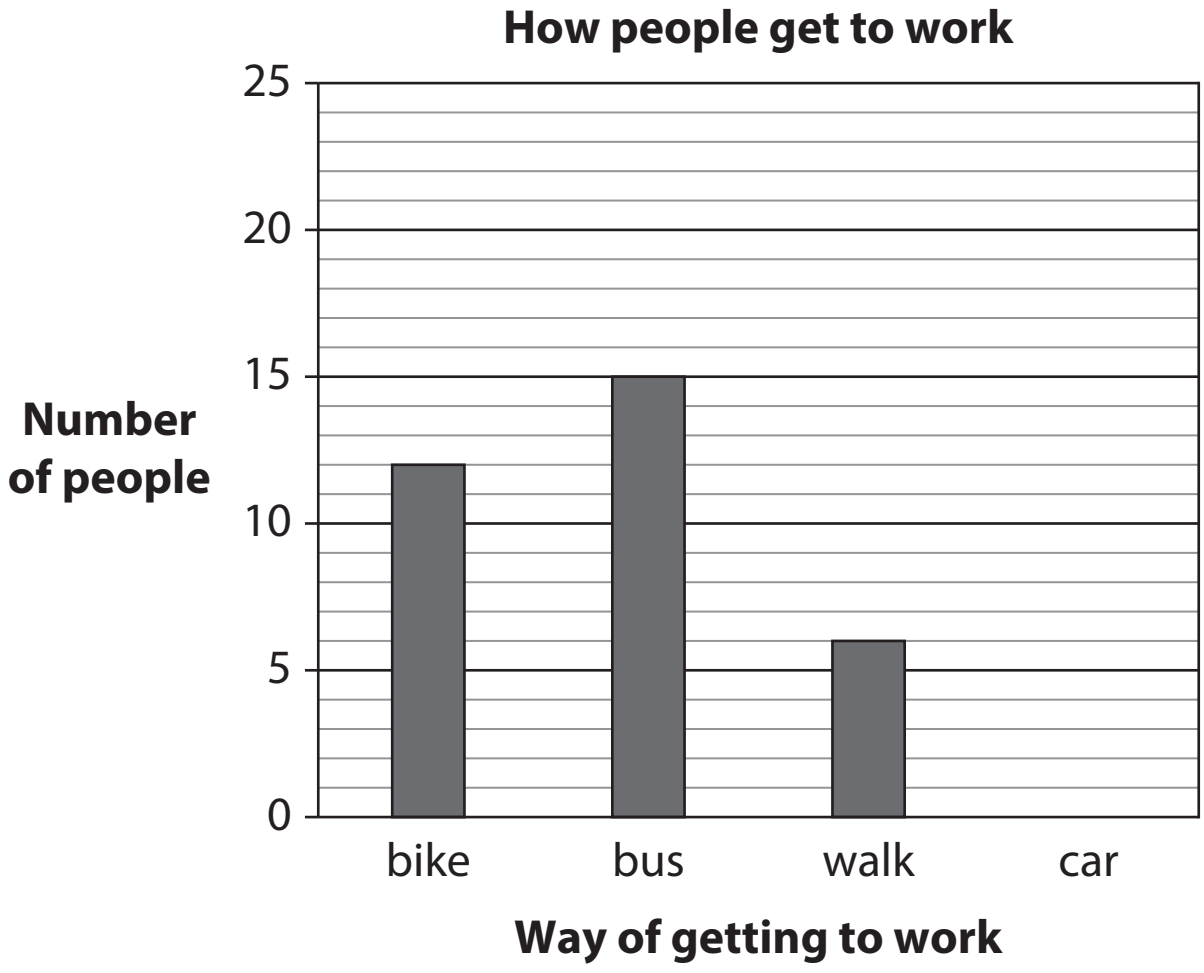
_____ °C

11 The results of a survey show how people get to work.

How people get to work	Number of people
bike	12
bus	15
walk	6
car	23

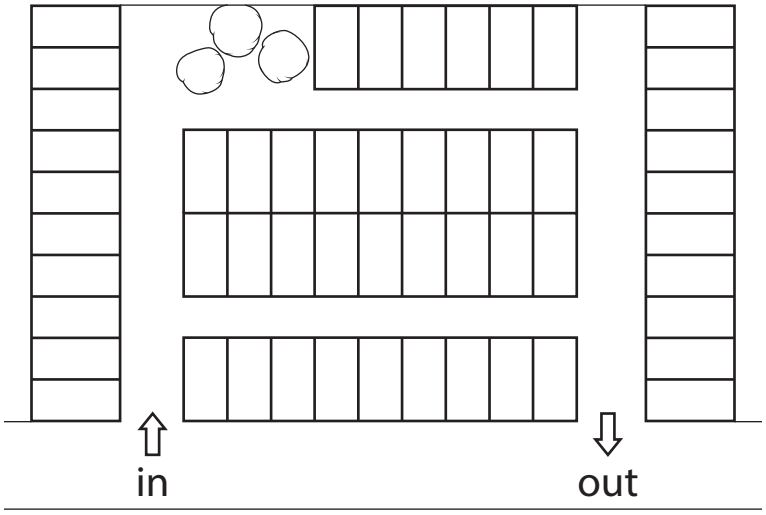
Alex needs a bar chart of the survey results.

Show how many people get to work by car on the chart. **(1)**



12 Alex parks his car at the company where he works.

These are the parking spaces.



Key: ▯ is one parking space

The company needs 57 parking spaces.

Are there enough parking spaces?

Show why you think this. **(1)**

Show your answer in the box below.

_____ parking spaces

Tick (✔) the correct answer.

Yes ( ) No ( )

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13 A row of parking spaces has odd numbers.

23 25 27

What is the next odd number? **(1)**

Show your answer in the box below.

23 25 27 _____

14 Alex needs his car repaired.

He wants his car repaired between the 30th August and the 10th September.

The garage gives Alex dates when they can repair his car.

Which date will Alex choose? **(1)**

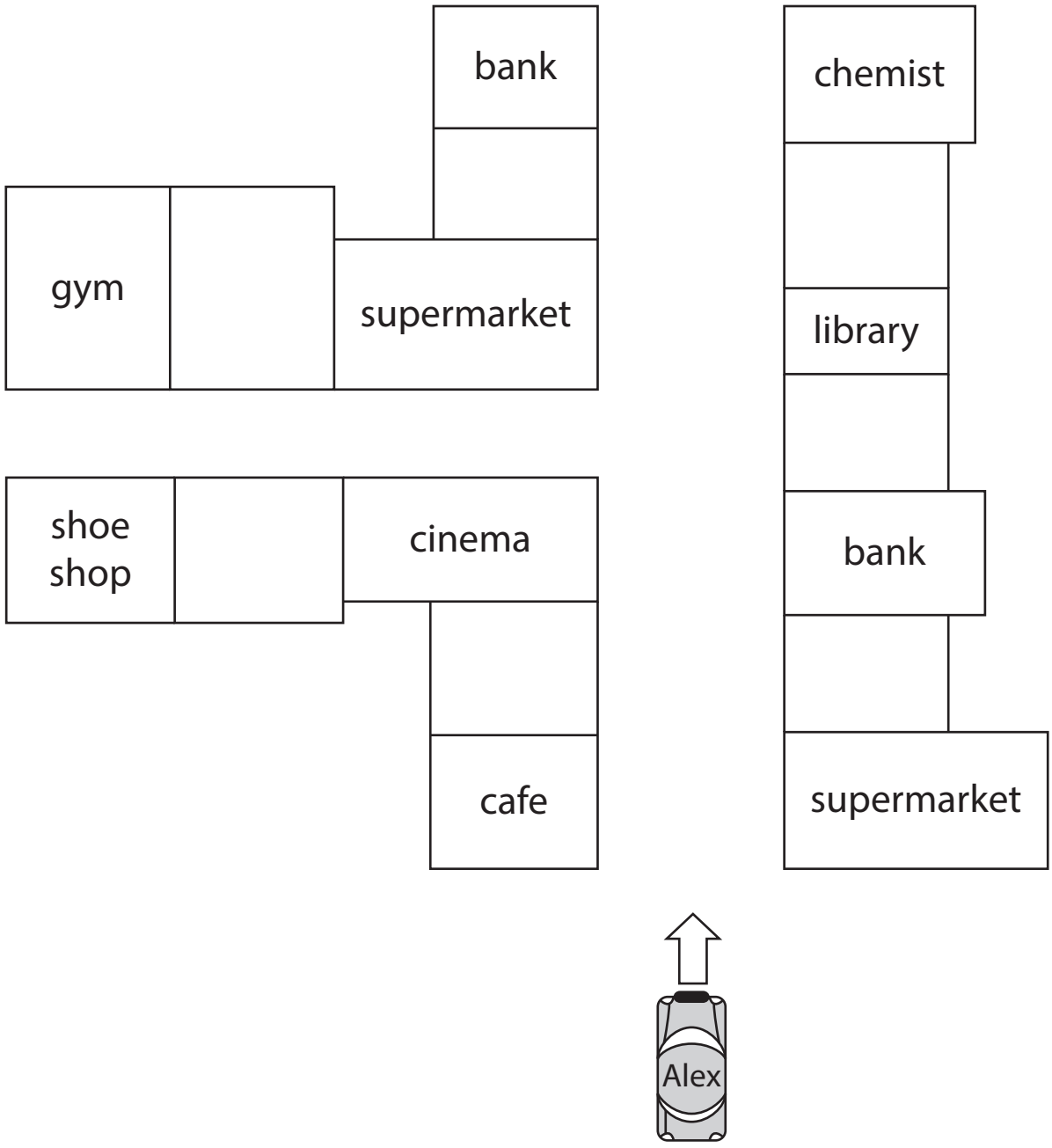
Tick (✔) the correct answer.

Dates when the garage can repair the car

09/08/2019	18/09/2019
( )	( )
08/09/2019	19/08/2019
( )	( )

15 Alex takes his car to a garage.

He has a street map.



The garage is on the left between a supermarket and a bank.

Show where the garage is on the map. **(1)**