Pearson Edexcel Functional	Skills – Entry 2
Mathematics	
Entry 2	
Section A – Non-calculator	
Sample Entry 2 sample assessment teaching September 2019	materials for first
Time: 25 minutes	
Candidate name	
Candidate signature	Date
ou must have a	The Examiner expla

- 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. •

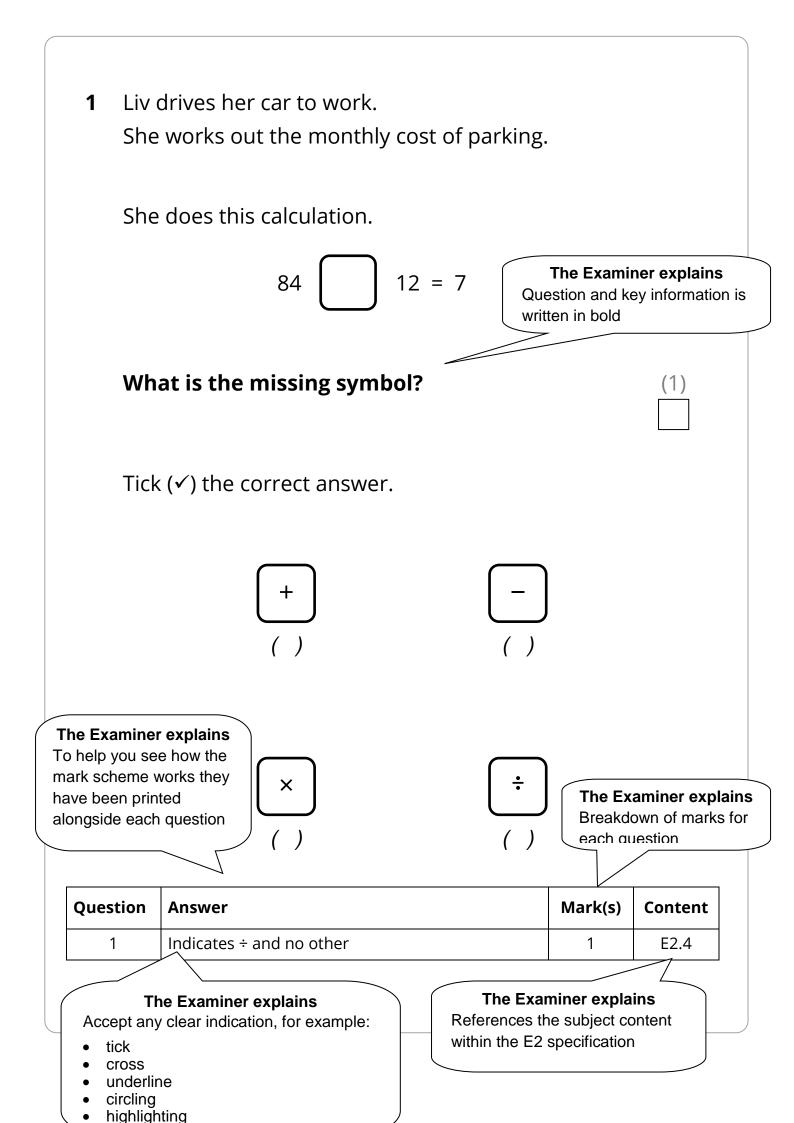
Each paper opens with the same familiar layout including:

- Equipment required •
- Instructions candidates must follow
- Information about the marks •
- Supportive advice on technique •

All candidates should be made aware of this information before they start







2 Liv is thinking about going to work by bus.
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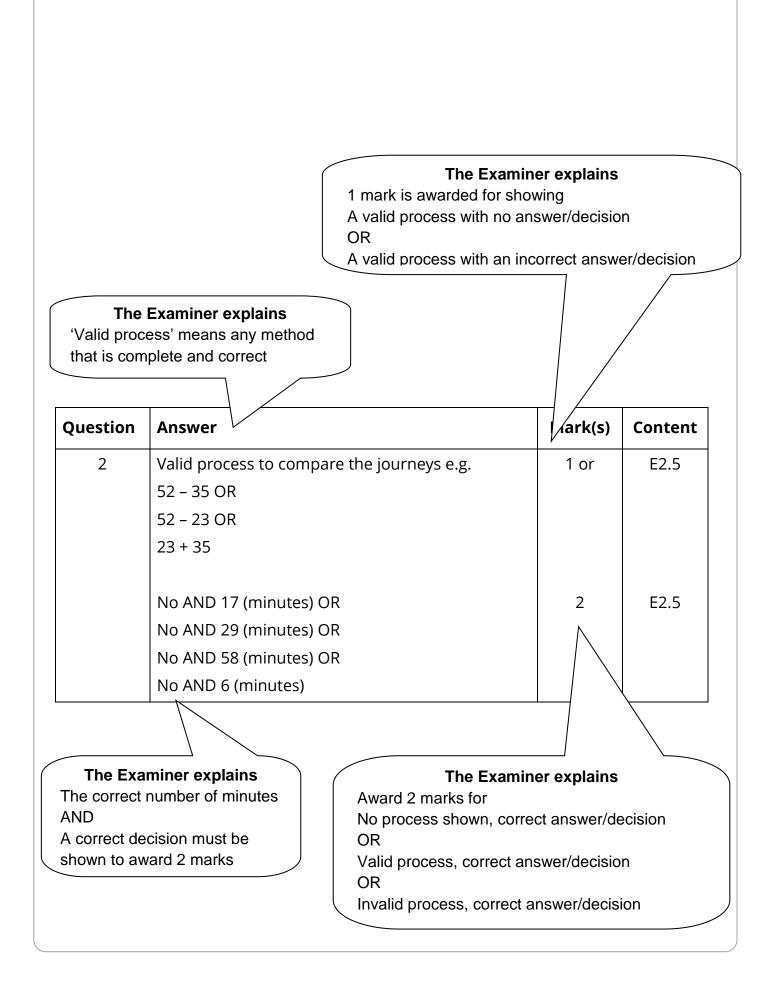
The journey by bus takes 52 minutes.

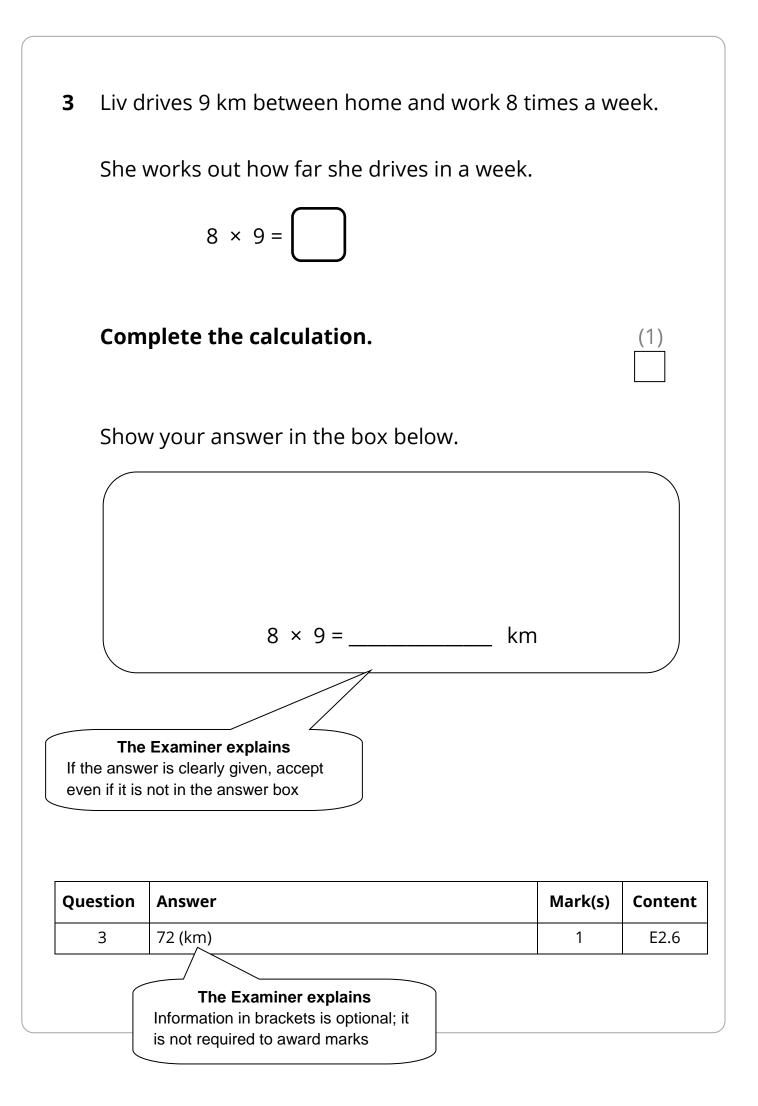
The journey by car takes 35 minutes.

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

Is Liv correct?

You must show your working.	(2)
Show your working and sources on the	box below.
Working is essenti requiring a decisio	show working with their
The Examiner explains	
Prompts the candidate to give a decision	
Tick (✓) the connect answer.	





4 At work Liv puts apple pies into boxes.

Liv has 42 apple pies.

Each full box has 9 apple pies.

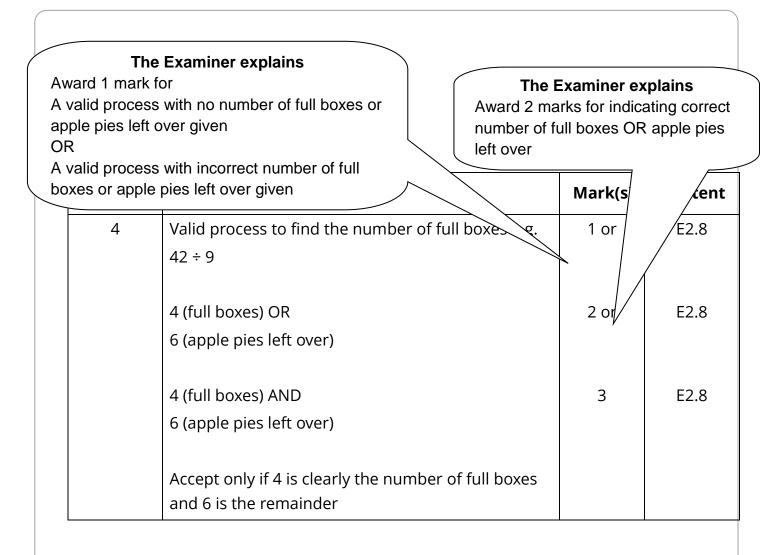
How many full boxes of apple pies does Liv have?

Show how many apple pies are left over.

Show your working and your answers in the box below.

(3)

The Examiner explains If the answer is clearly given, accept even if it is not in the answer box
full boxes
apple pies left over



The Examiner explains

Award 3 marks for

No process shown with correct number of full boxes AND apple pies left over given OR

Valid process with correct number of full boxes AND apple pies left over given

OR

Invalid process, correct number of full boxes AND

Pearson Edexcel Functional Skills – Entry	2
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Mathematics



Entry 2

Section B – Calculator

Sample Entry 2 controlled 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.

The Examiner explains

Each paper opens with the same familiar layout Including

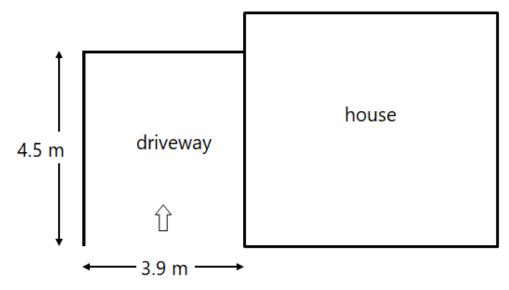
- Equipment required
- Instructions candidates must follow
- Information about the marks
- Supportive advice on technique All candidates should be made aware of this information before they start





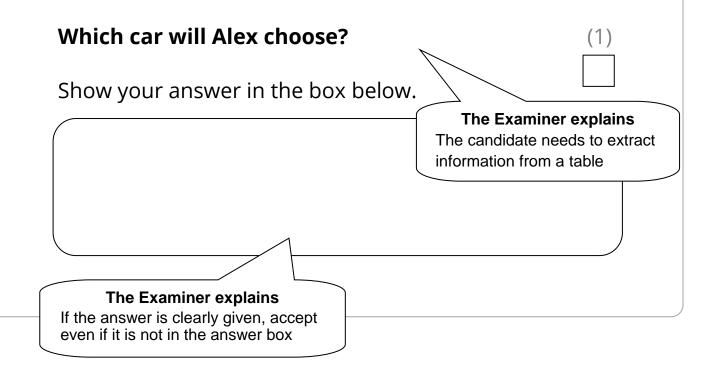
1 Alex wants to buy a car.

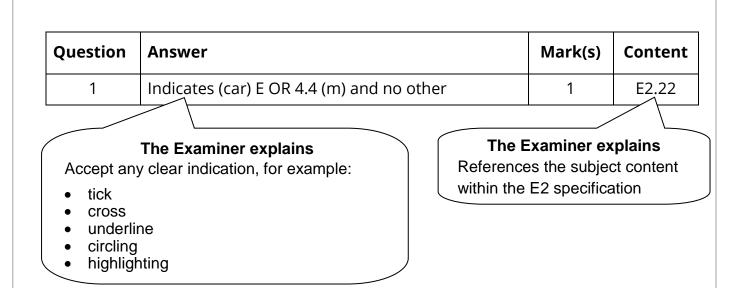
He has a plan of his house and driveway.

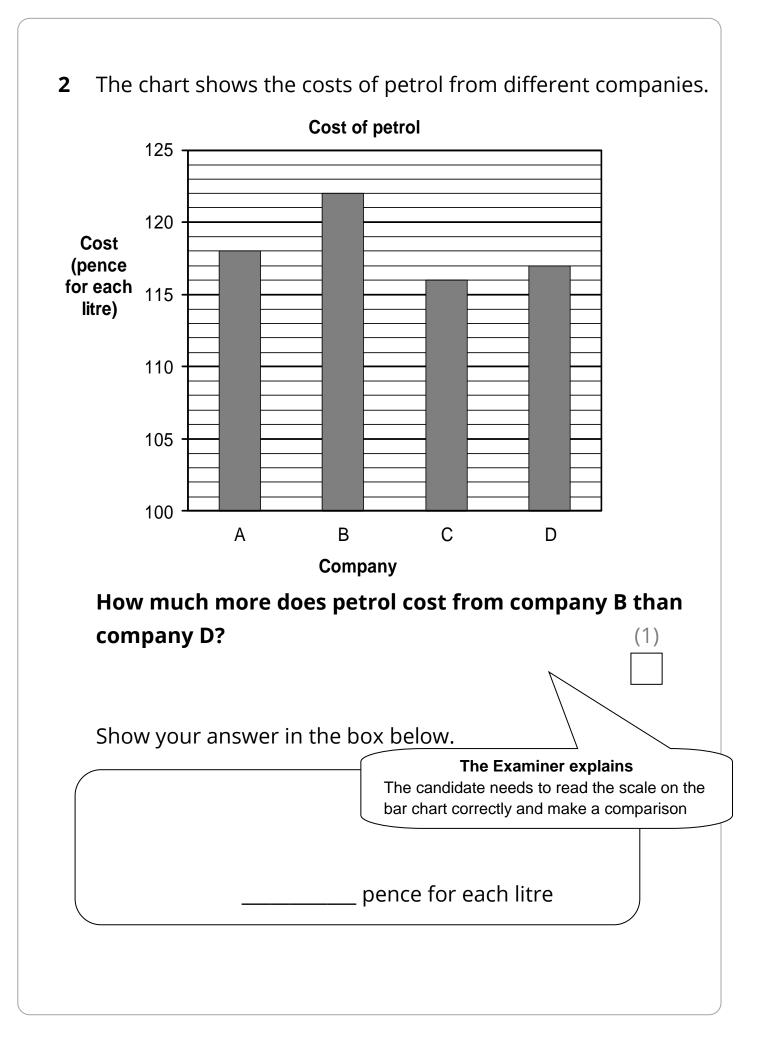


Alex wants the longest car that fits his driveway.

Length of cars for sale						
car	А	В	С	D	Е	F
length	4.2	3.8	4.6	4.8	4.4	4.7
(m)		5.0				,

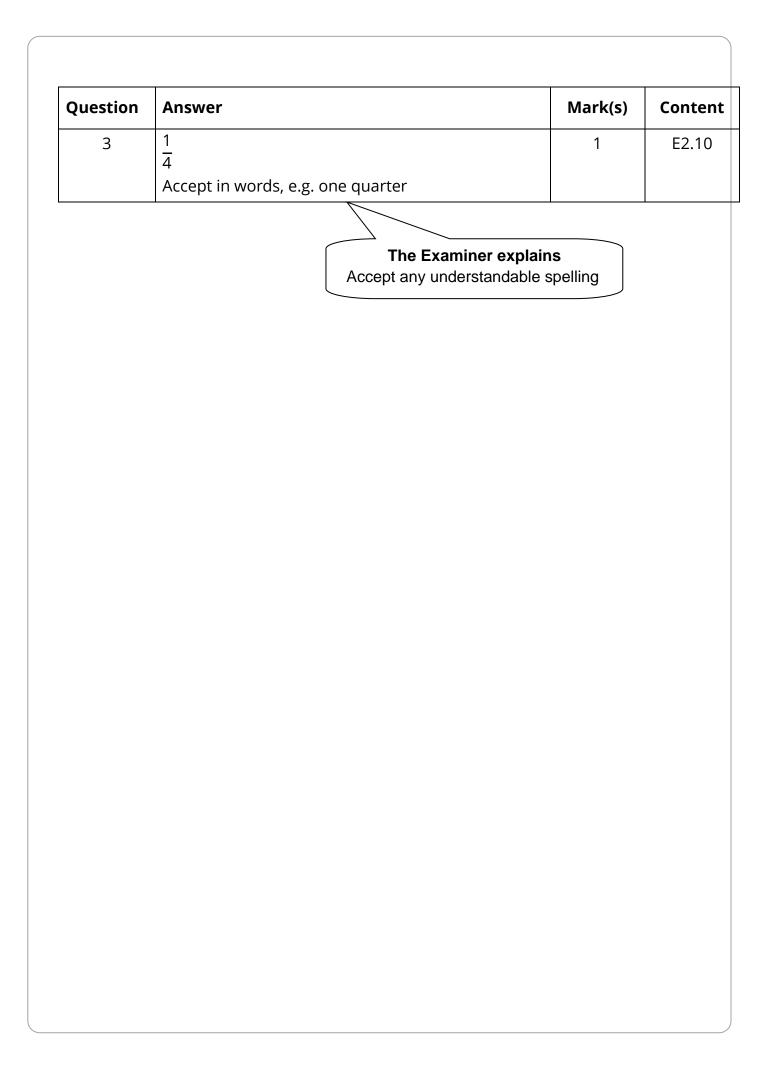


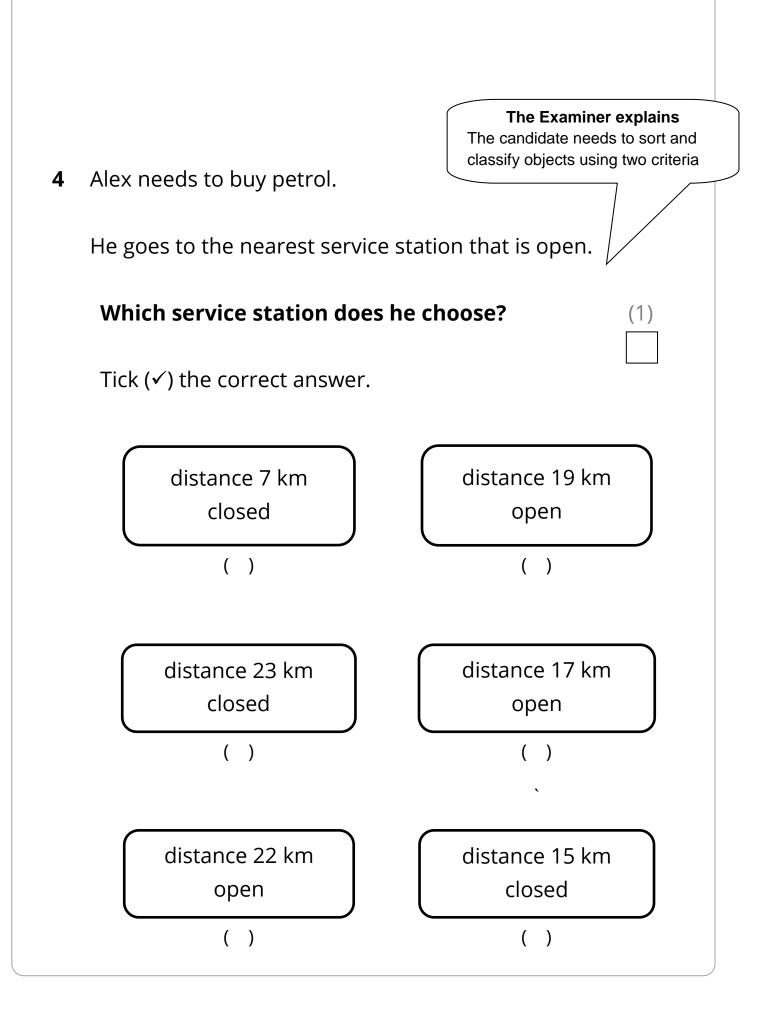




Question	Answer	Mark(s)	Content
2	5 (pence for each litre)	1	E2.23
	The Examiner explains formation in brackets is optional; is not required to award marks		

Alex has a full tank of petrol on Monday. 3 The diagram shows his petrol gauge on Friday. 1 Empty Full What fraction of the petrol is left? (1)Show your answer in the box below. The Examiner explains The candidate needs to recognise simple fractions



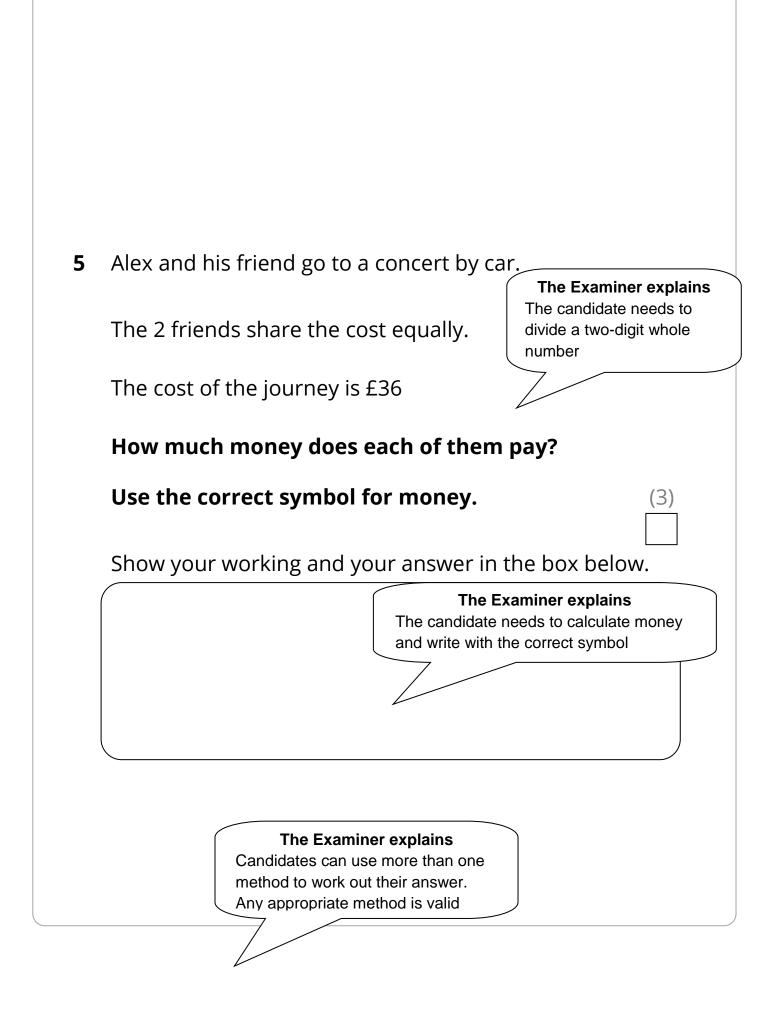


Question	Answer	Mark(s)	Content
4	Indicates (the service station) 17 (km away) and	1	E2.24
	no other		

The Examiner explains

Accept any clear indication, for example:

- tick •
- cross •
- underline •
- •
- circling highlighting •



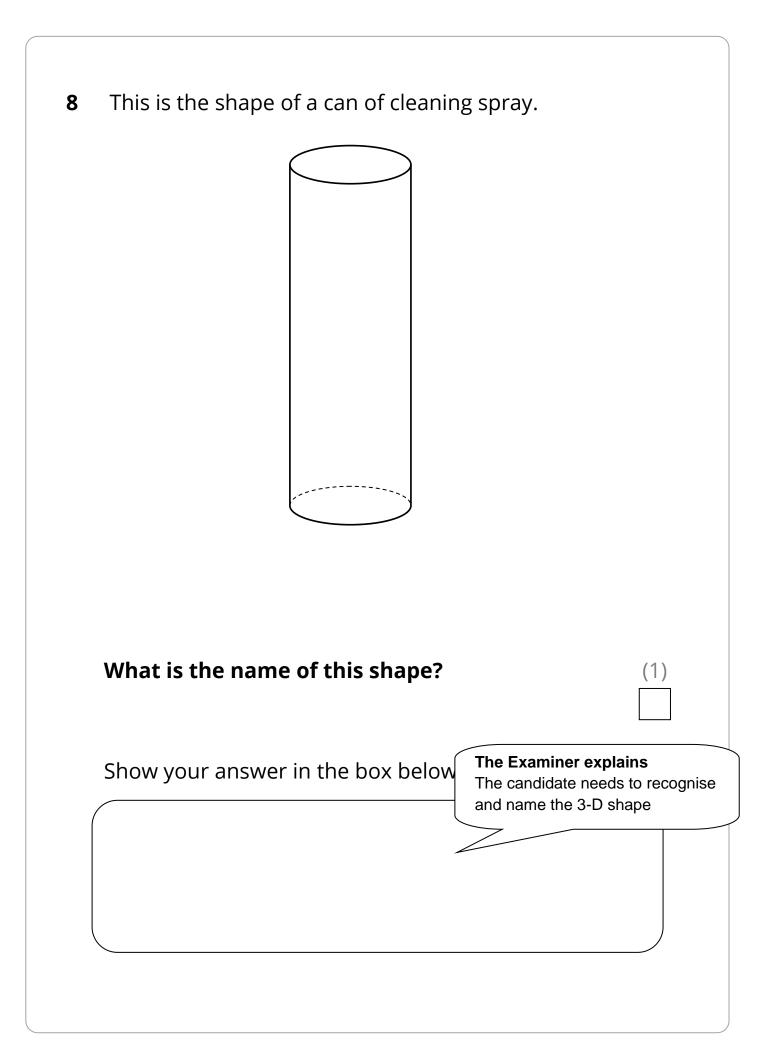
estion	Answer	Mark(s)	Content
5	Valid process to find each friend's share e.g.	1 or	E2.8
	36 ÷ 2		
	(£)18	2	E2.8
	Correct use of £ symbol with their value	1	E2.12
			<u> </u>
2	ound 36 to the nearest 10		(1)
-	ow your answer in the box below.	aminer explai s to approximat	ns
Sho Sho 9) Use q	ow your answer in the box below.	answer t	ns te by roundin

Question	Answer	Mark(s)	Content
6а	40		E2.9
6b	Correct answer from the check, i.e.	1	
	(40 ÷ 2 =) 20		E2.9
	Accept (40 ÷ 18 =) 2.2	1	
	Award this mark for a sect answer based on an		
	incorrect rounding of 36		
A revers	The Examiner explainsThe ExamA reverse calculation using a rounded figure is expected hereInformation in bra not required to av		otional; it is

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
x has a	E25 to spend.	
	E25 to spend. I r wax can Alex buy?	(1)

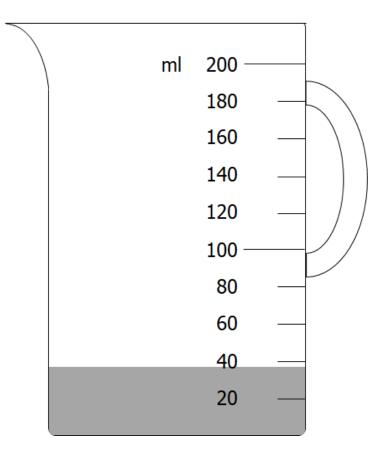
Question	Answer	Mark(s)	Content
7	Indicates Auto (car wax) OR £19 and no other	1	E2.22



Question	Answer	Mark(s)
8	cylinder	1
	Accept any reasonable spelling	
	The Examiner explainsAccept any understandable spelling	

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.

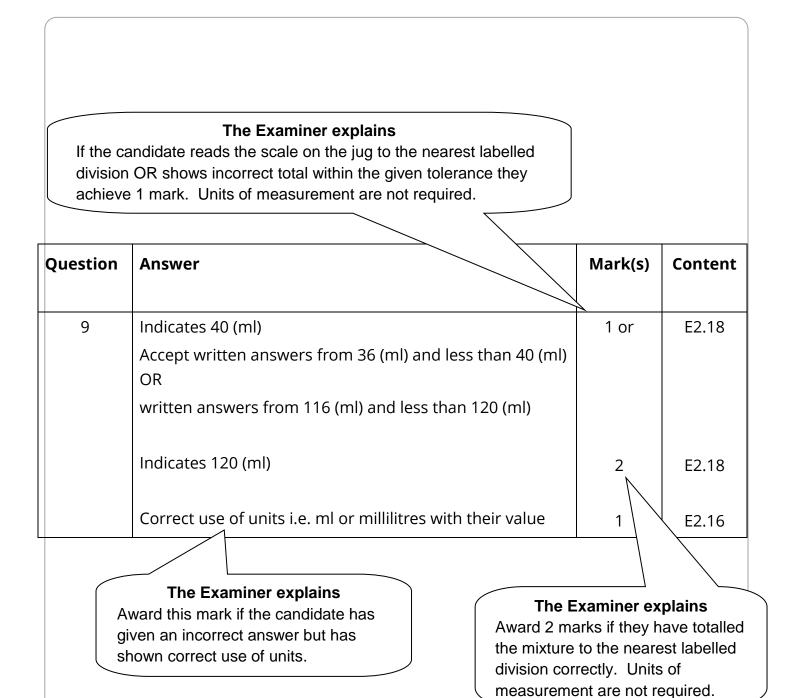
How much mixture will he have to the nearest division?

Use the correct unit for capacity.

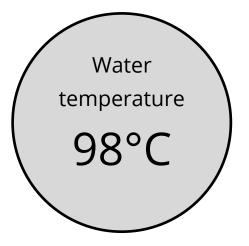
Show your answer in the box below

The Examiner explains Correct units for capacity need to be shown The Examiner explains The candidate needs to read the question carefully to ensure they add the amount of screen wash in the jug and the given amount of water and give the total amount of mixture Alex will have

(3)



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

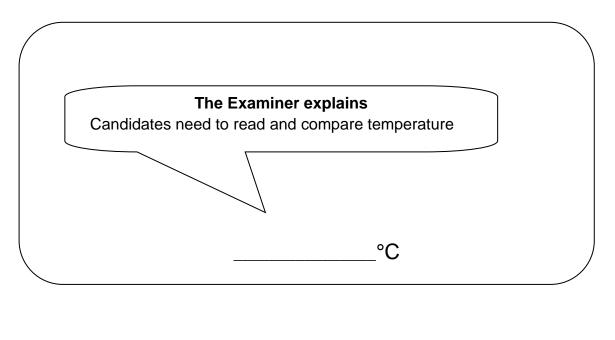


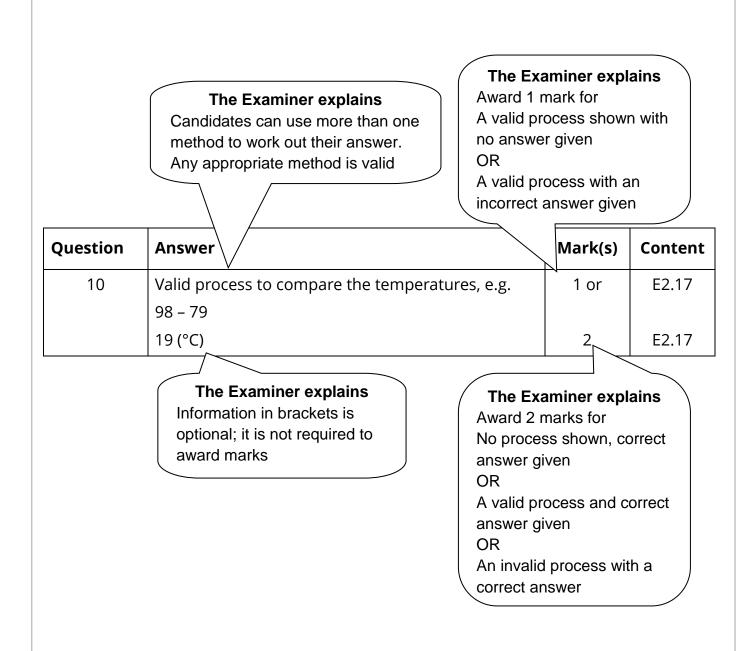
The normal water temperature is 79°C.

How much hotter is the water than normal?

Show your working and your answer in the box below.

(2)



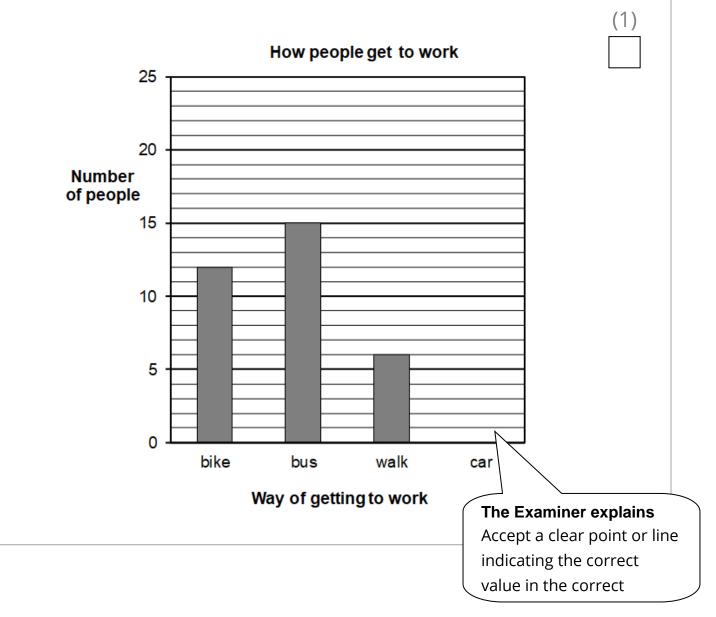


11 The results of a survey show how people get to work.

How people get	Number of	F	
to work	people		
bike	12		
bus	15		e Examiner explains candidate needs to
walk	6		information from the
car	23		e and represent the mation in a bar chart

Alex needs a bar chart of the survey result

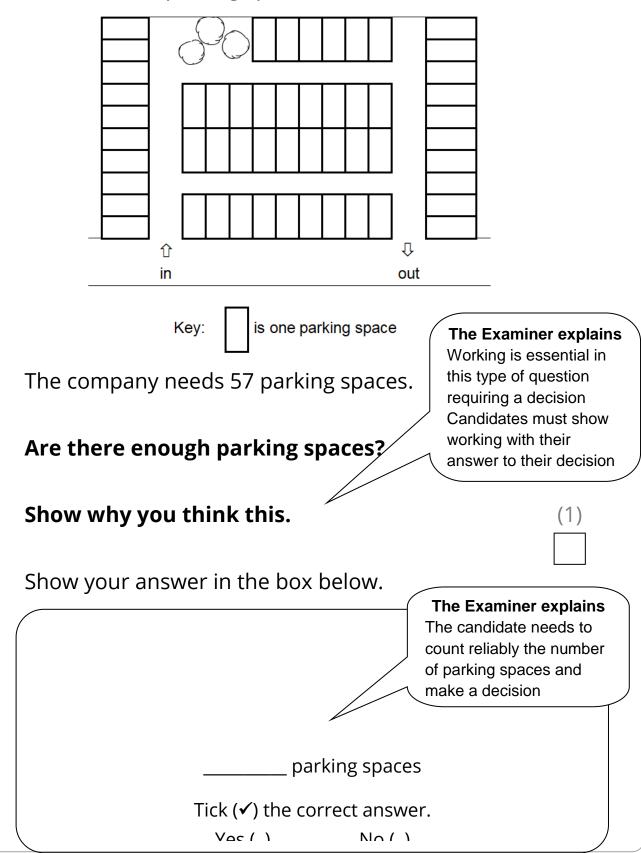
Show how many people get to work by car on the chart.



Question	Answer	Mark(s)	Content
11	Draws a correct bar to show 23 people who use a car.	1	E2.25
	Accept a clear point or line indicating the correct value in the correct position (above the category label for car)		

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

These are the parking spaces.



Question	Answer	Mark(s)	Content
12	No AND 53 (parking spaces) OR	1	E2.1
	No AND 4 (parking spaces)		

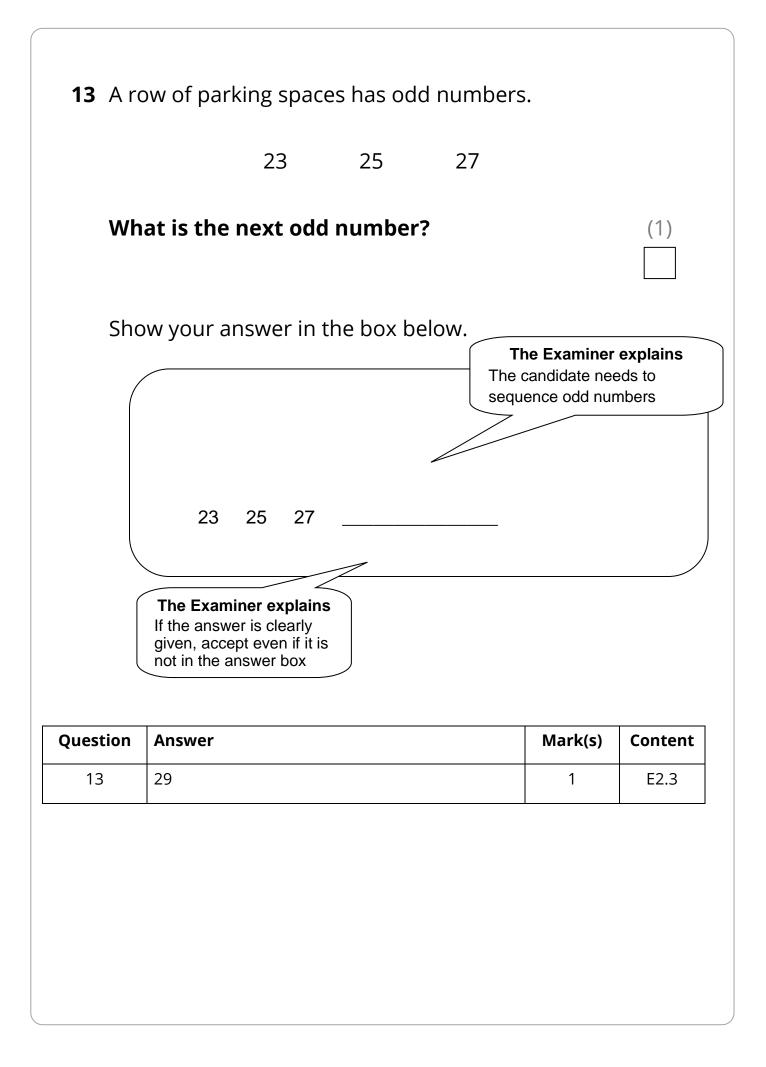
The Examiner explains

The correct number parking spaces

AND

A correct decision

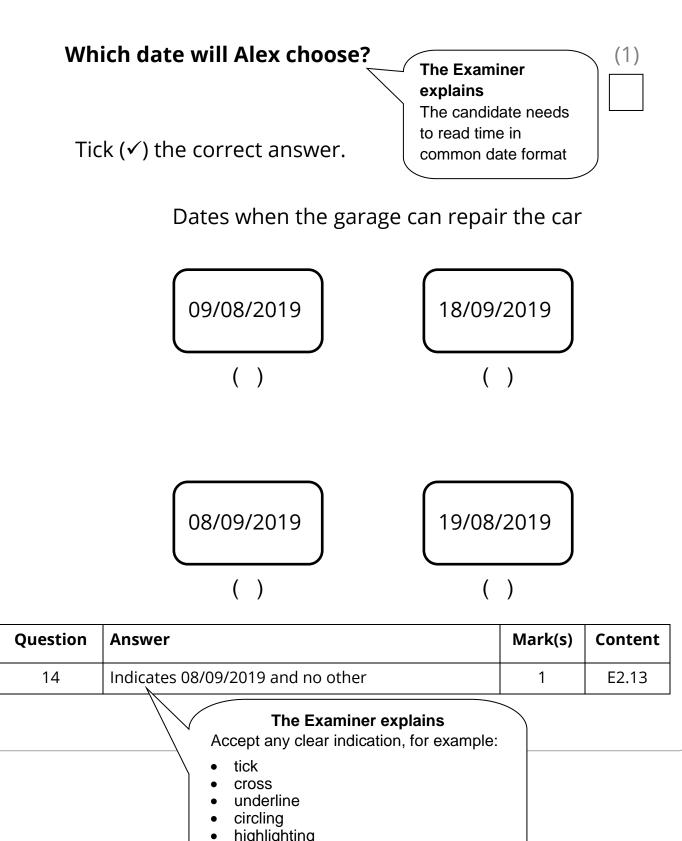
must be shown to award 1 mark



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.



15 Alex takes his car to a garage.

He has a street map.

