

Pearson Edexcel Functional Skills – Entry 1

Mathematics



Entry 1

Section A – Non-calculator

Sample Entry 1 sample assessment materials for first teaching September 2019

Time: 20 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 5.

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

Turn over ►



Pearson

1 Lela works in a restaurant.

Lela needs to make 15 salads.

She makes 9 salads.

The Examiner explains
Question and key information is written in bold

How many more salads does Lela need to make? (2)

Show your working and your answer in the box below.

The Examiner explains
The candidate needs to subtract numbers from numbers up to 20

The Examiner explains
To help you see how the mark scheme works they have been printed alongside each question

The Examiner explains
Breakdown of marks for each question

| Question | Answer | Mark(s) | Content |
|----------|---|---------|---------|
| 1 | Valid process to find the number of salads to make, e.g. 15 - 9 | 1 or | E1.3 |
| | 6 (salads | 2 | E1.3 |

The Examiner explains
'Valid process' means any method
that is complete and correct

The Examiner explains
References the subject content
within the E1 specification

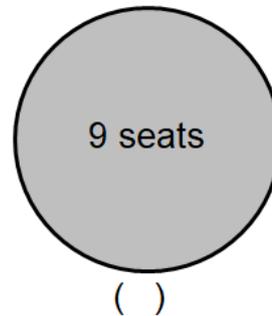
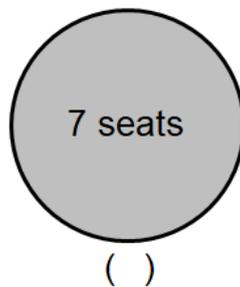
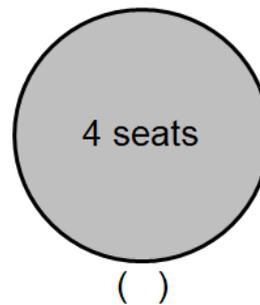
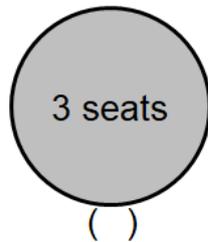
2 A group of 11 people come into the restaurant.

Lela chooses two tables with a total of 11 seats.

Which two tables does she choose?

(2)

Tick (✓) the correct tables.



Show your working in the box below.

The Examiner explains

The candidate needs to add numbers and subtract numbers from numbers up to 20

The Examiner explains

'Valid process' means any method that is complete and correct

The Examiner explains

1 mark is awarded for showing
A valid process with no answer/decision
OR
A valid process with an incorrect answer/decision

| Question | Answer | Mark(s) | Content |
|----------|--|---------|---------|
| 2 | Valid process to choose tables, e.g. 7 + 4 OR 11 - 7 OR 11 - 4 | 1 or | E1.3 |
| | Indicates correct combination of tables and no others, i.e. 7 (seats) AND 4 (seats) | 2 | E1.3 |

The Examiner explains

Information in brackets is optional, it is not required to award marks

The Examiner explains

Award 2 marks for
No process shown, correct answer/decision
OR
Valid process, correct answer/decision
OR
Invalid process, correct answer/decision

3 Lela gives change to a customer.

She wants to work out 20 take away 11

How can Lela work out 20 take away 11?

(1)

Tick (✓) the correct answer.

The Examiner explains

The candidate needs to recognise and interpret symbols +, - and = appropriately

$20 + 11$

()

$20 - 11$

()

$11 - 20$

()

$11 + 20$

()

| Question | Answer | Mark(s) | Content |
|----------|--------------------------------------|---------|---------|
| 3 | Indicates $20 - 11 = 9$ and no other | 1 | E1.4 |

The Examiner explains

Accept any clear indication, for example:

- tick
- cross
- underline
- circling
- highlighting

Pearson Edexcel Functional Skills – Entry 1

Mathematics



Entry 1

Section B – Calculator

Sample Entry 1 controlled assessment materials for
first teaching September 2019

Time: 60 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 15.

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

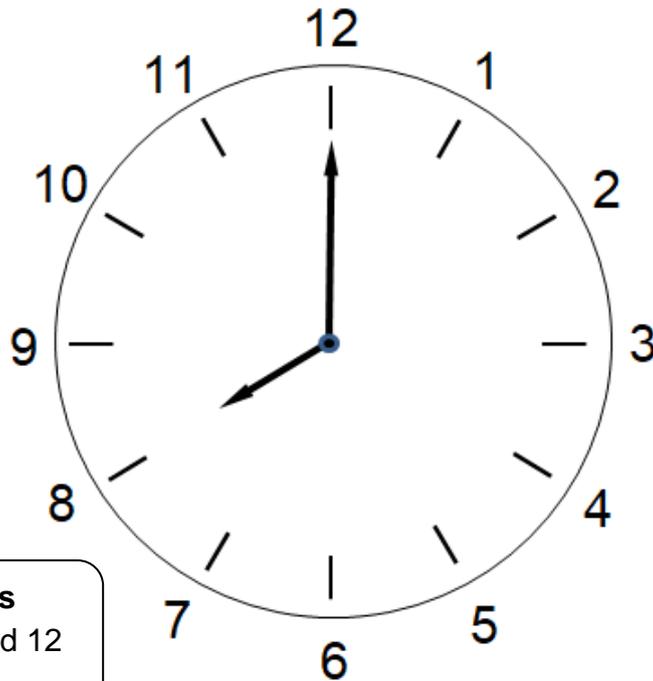
Turn over ►



Pearson

1 Lela works in a restaurant.

The clock shows the time Lela starts work.



The Examiner explains
The candidate needs to read 12 hour digital clocks in hours

What is the time on the clock?

(1)

Show your answer in the box below

The Examiner explains
If the answer is clearly given, accept even if it is not in the answer box

_____ o'clock

| Question | Answer | Mark(s) | Content |
|----------|---|---------|---------|
| 1 | 8 or eight Accept any common time format | 1 | E1.6 |

The Examiner explains
References the subject content within the E1 specification

2 Lela chooses how to get to work.

She sees this list of journey times.

| | |
|------|------------|
| bike | 12 minutes |
| bus | 7 minutes |
| car | 8 minutes |
| walk | 16 minutes |

Lela wants to take the least number of minutes.

How will Lela get to work?

(1)

Tick (✓) the correct answer.

The Examiner explains
The candidate needs to compare numbers

bike ()

bus ()

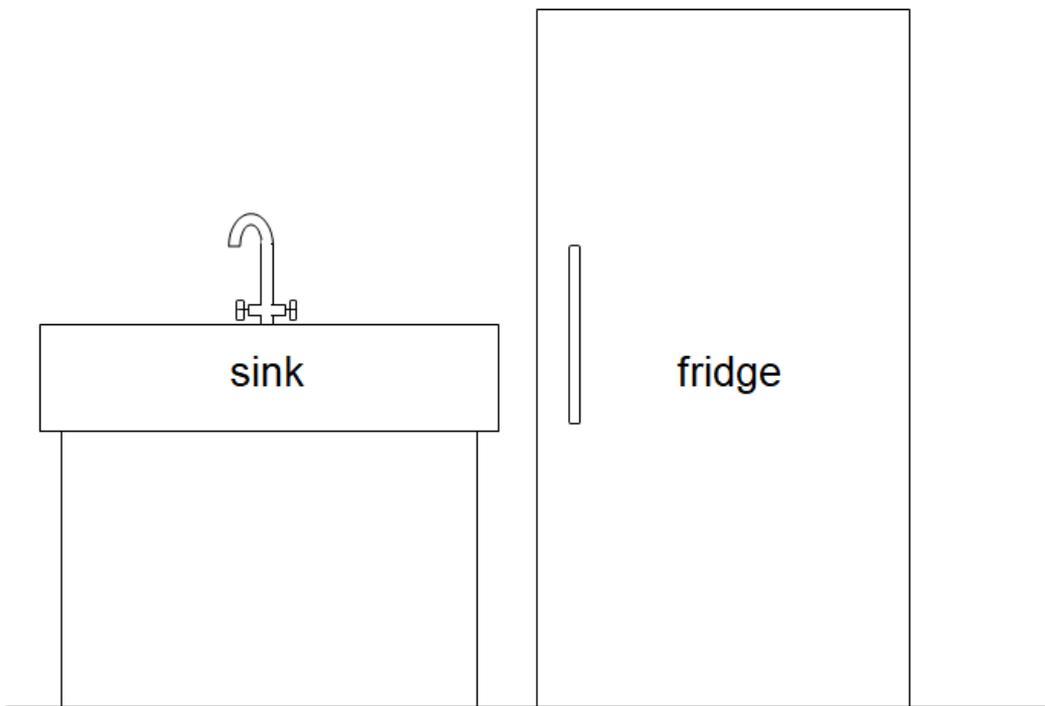
car ()

walk ()

| Question | Answer | Mark(s) | Content |
|----------|---|---------|---------|
| 2 | Indicates bus or 7 (minutes) and no other | 1 | E1.1 |

The Examiner explains
Information in brackets is optional; it is not required to award marks

3 This diagram shows part of the restaurant kitchen.



Where is the sink in the diagram?

Tick (✓) the correct answer.

below the fridge ()

(1)

The Examiner explains
The candidate needs to use everyday positional vocabulary to describe position

above the fridge ()

to the left of the fridge ()

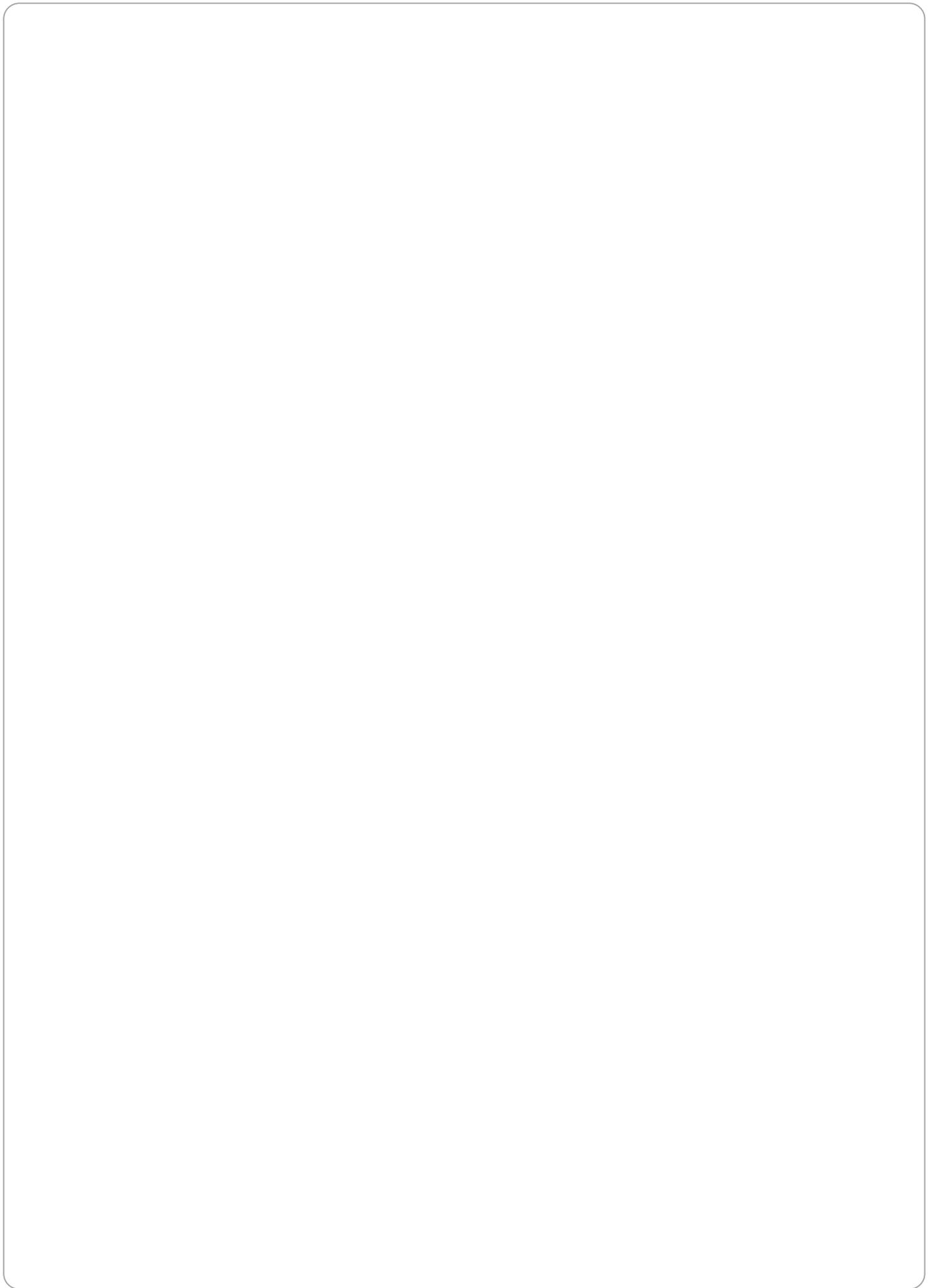
to the right of the fridge ()

| Question | Answer | Mark(s) | Content |
|----------|--|---------|---------|
| 3 | Indicates to the left of the fridge and no other | 1 | E1.10 |

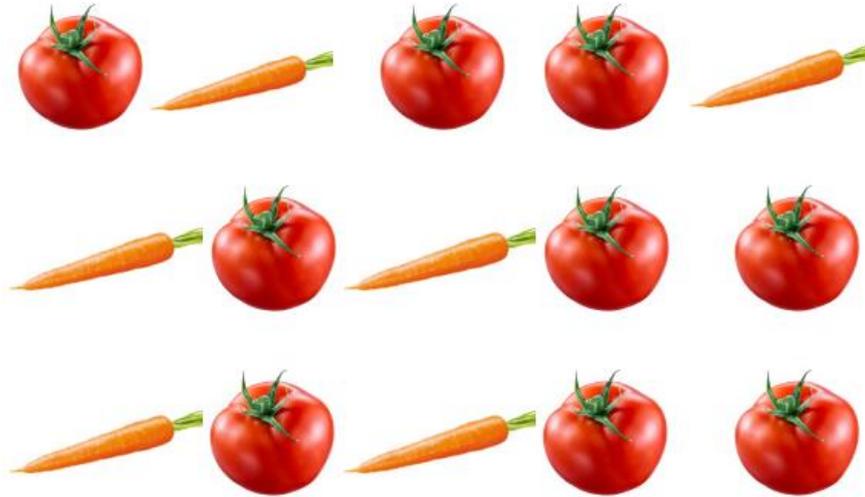
The Examiner explains

Accept any clear indication, for example:

- tick
- cross
- underline
- circling
- highlighting



4 Lela has some carrots and some tomatoes.



How many carrots does Lela have?

(1)

Show your answer in the box below.

The Examiner explains

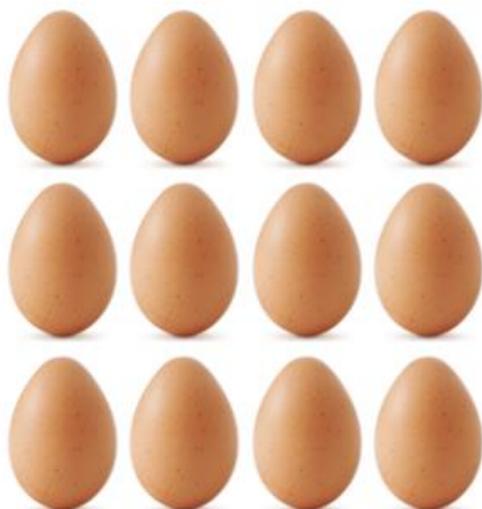
The candidate needs to sort and classify objects using two criteria

| Question | Answer | Mark(s) | Content |
|----------|-------------|---------|---------|
| 4 | 6 (carrots) | 1 | E1.12 |

The Examiner explains

Information in brackets is optional; it is not required to award marks

5 Lela needs 15 eggs to make cakes.
She has these eggs.



Does she have enough eggs to make the cakes?

Show why you think this.

(2)

Show your answer in the box below.

The Examiner explains

The candidate needs to use whole numbers to count up to 12 items

_____ eggs

Tick (✓) the correct answer.

Yes ()

No ()

The Examiner explains

Prompts the candidate to give a decision

Explains

1 mark is awarded for showing
Correct counting of eggs with no answer/decision

| Question | Answer | Mark(s) | Content |
|----------|---|---------|---------|
| 5 | 12 (eggs) | 1 or | E1.2 |
| | No AND 12 (eggs) OR No AND 3 (eggs) Allow one mark out of two for correct decision based on incorrect value ONLY IF evidence of counting seen, e.g. No AND 9 AND tally/indication on diagram | 2 | E1.2 |

The Examiner explains

The correct number of eggs
AND
A correct decision must be shown to
award 2 marks

6 Lela needs a pan.

She chooses the pan that holds the most.

Which pan does Lela choose?

(1)

Tick (✓) the correct answer.

The Examiner explains
The candidate needs to make comparison in words between measures of capacity



holds 12 litres ()



holds 16 litres ()



holds 10 litres ()



holds 15 litres ()

| Question | Answer | Mark(s) | Content |
|----------|---|---------|---------|
| 6 | Indicates (pan) B or 16 (litres) and no other | 1 | E1.8 |

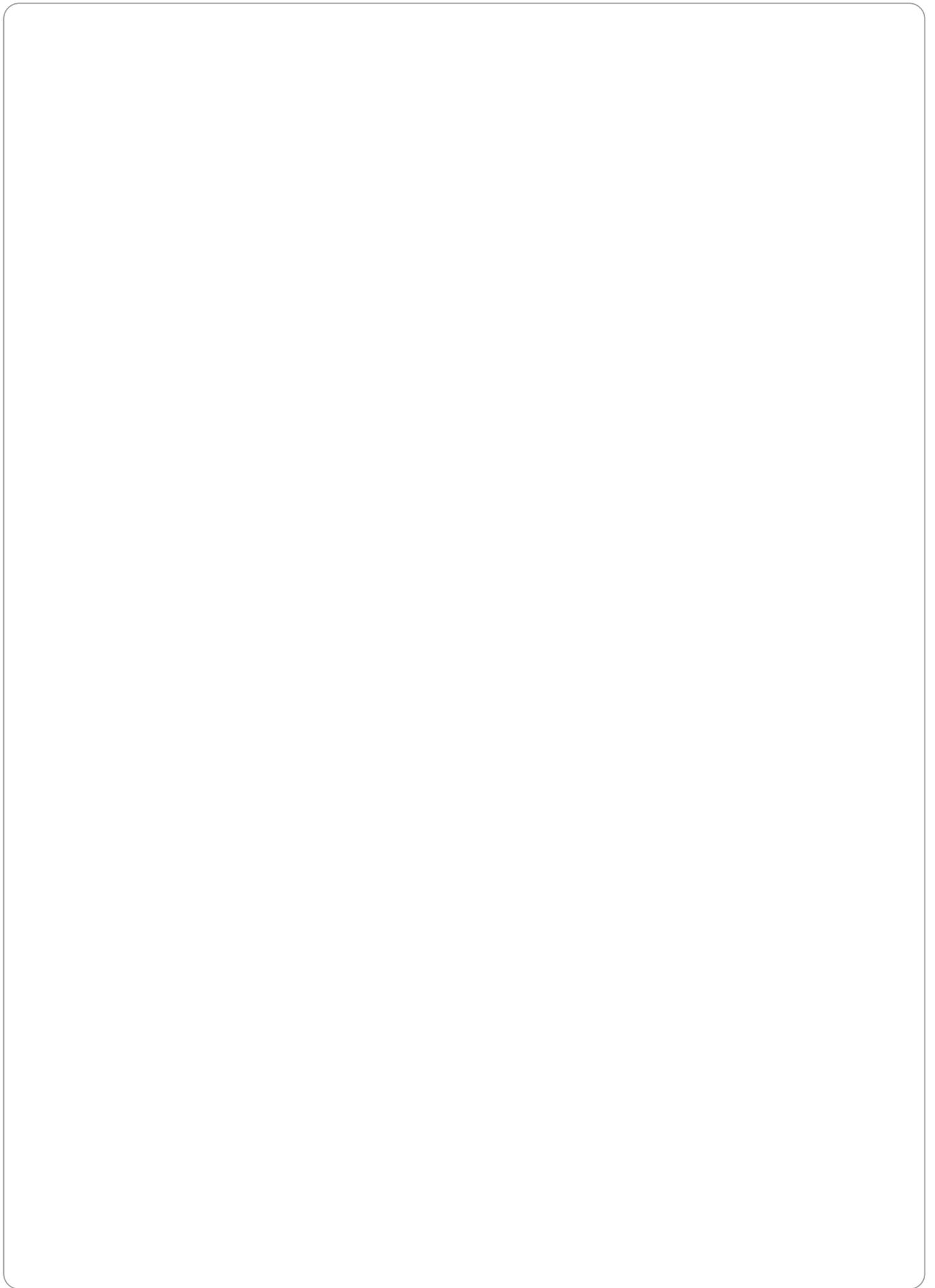
The Examiner explains

Accept any clear indication, for example:

- tick
- cross
- underline
- circling

The Examiner explains

Information in brackets is optional; it is not required to award marks



The Examiner explains

The candidate needs to be able to name and sequence the months of the year

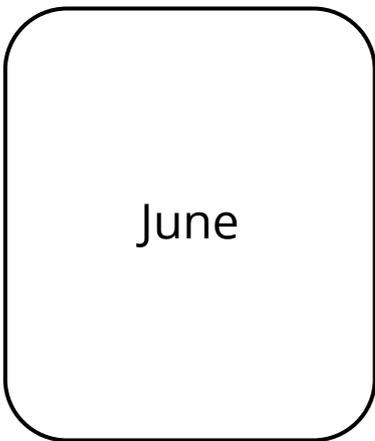
7 Lela has these packs of flour in January.

She uses them in the order of the month on the label.

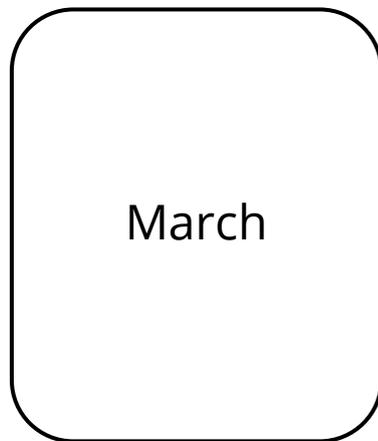
Which pack will she use first?

(1)

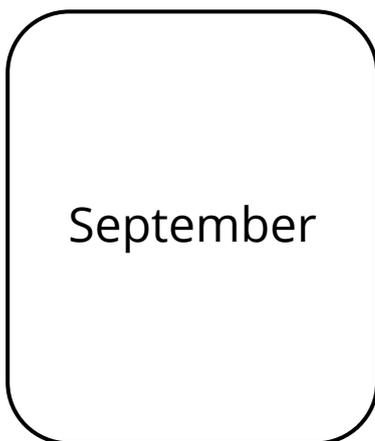
Tick (✓) the correct pack.



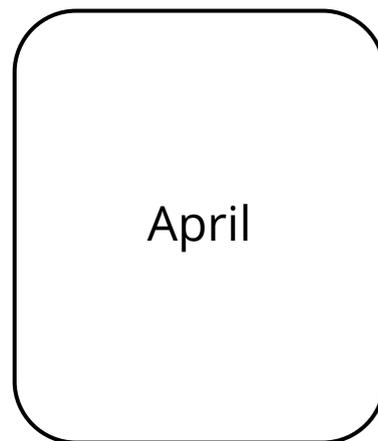
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()



()

| Question | Answer | Mark(s) | Content |
|----------|-----------------|---------|---------|
| 7 | Indicates March | 1 | E1.7 |

The Examiner explains

Accept any clear indication, for example:

- tick
- cross
- underline
- circling
- highlighting

8 Lela needs a table with a square top.

The Examiner explains
The candidate needs to identify 2-D shapes

Which table has a square top?

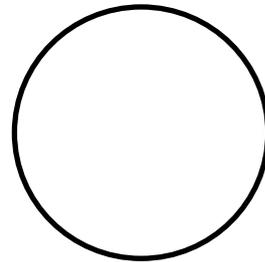
(1)



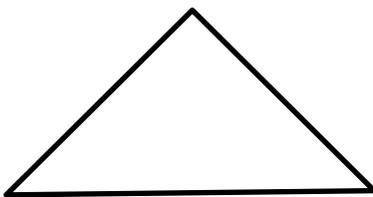
Tick (✓) the correct shape.



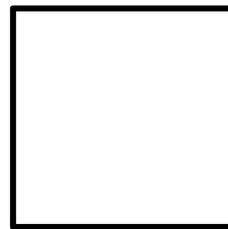
()



()



()



()

| Question | Answer | Mark(s) | Content |
|----------|-------------------------------------|---------|---------|
| 8 | Indicates square and no other shape | 1 | E1.9 |

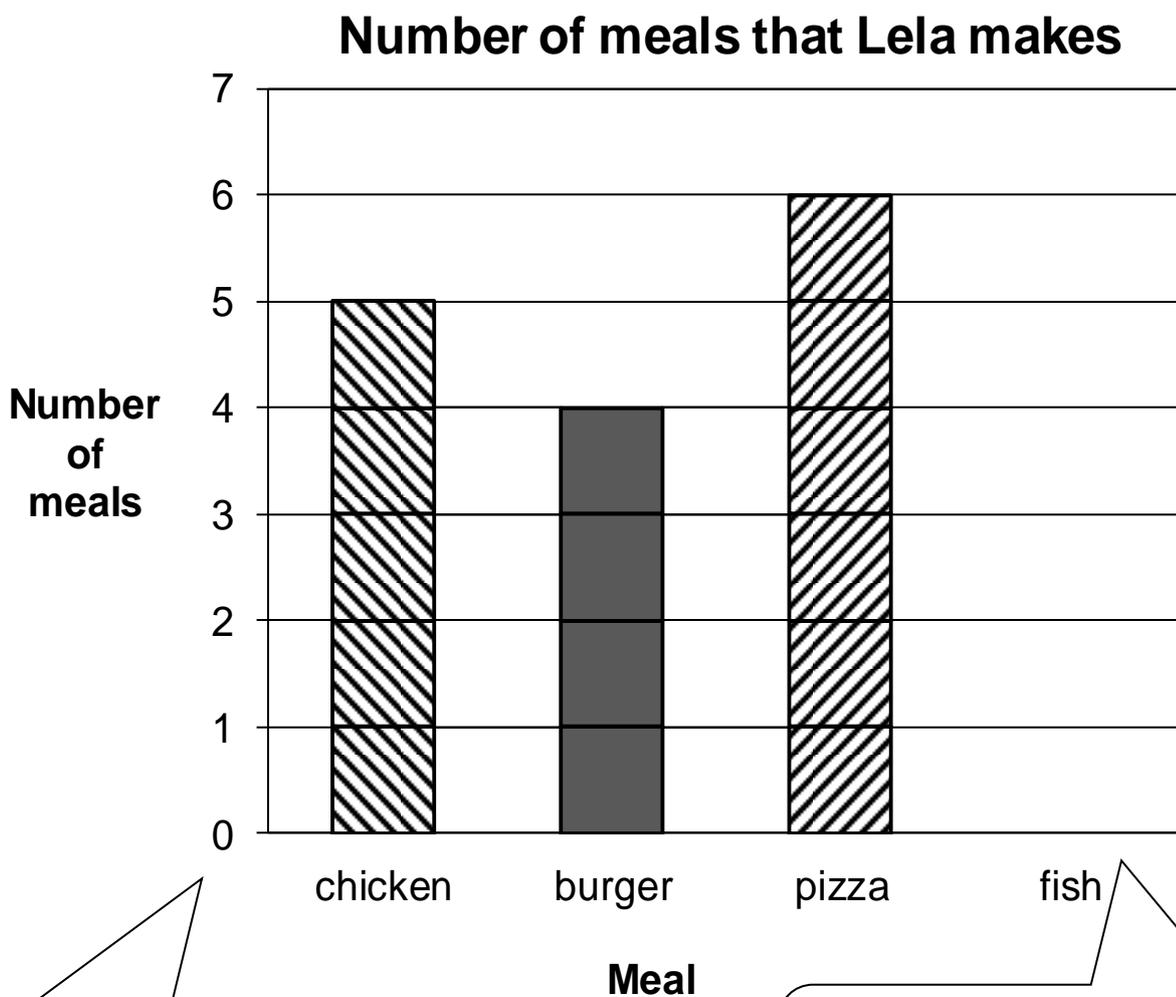
The Examiner explains
Accept any clear indication, for example:

- tick
- cross
- underline
- circling
- highlighting

9 Lela draws a chart to show how many meals she makes.

Lela makes 3 fish meals.

Show the number of fish meals on the chart (1)



The Examiner explains

The candidate needs to read the scale on the chart correctly

The Examiner explains

The candidate needs to show the correct value in the correct position on the chart

| Question | Answer | Mark(s) | Content |
|----------|--|---------|---------|
| 9 | 3 fish meals shown correctly on the chart Accept a clear point, line, column or blocks to show the correct value in the correct position on the chart (above the category label for fish) | 1 | E1.13 |

The Examiner explains

The clear point, line, column or block must be shown above the category label fish

10 A customer chooses a meal from the menu.

| Menu | |
|-------------|-----|
| lamb | £16 |
| pizza | £13 |
| fish | £17 |
| burger | £15 |
| salad | £11 |
| chicken | £14 |

The customer has £12

Which meal will the customer choose?

(1)

Show your answer in the box below.

The Examiner explains

The candidate needs to read the question carefully to ensure they extract the correct information from the list

The Examiner explains

The candidate needs to read numerical information from lists

| Question | Answer | Mark(s) | Content |
|----------|------------------------------|---------|---------|
| 10 | Indicates salad and no other | 1 | E1.11 |

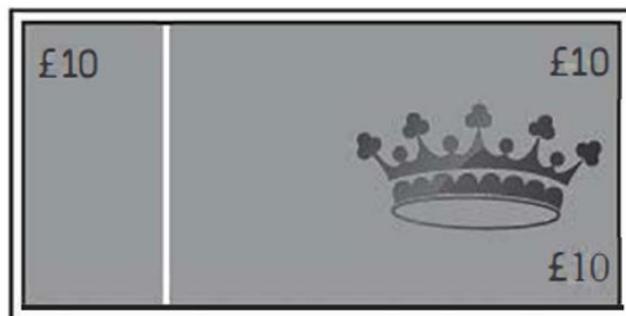
The Examiner explains

Accept any clear indication, for example:

- tick
- cross
- underline
- circling
- highlighting

11 A customer needs to pay £12

He gives Lela this money.



The customer will also give Lela one coin.

What coin will the customer give Lela?

Use the correct symbol for money.

(2)

Show your answer in the box below

The Examiner explains

The candidate needs to recognise coins and notes and write them in numbers with the correct symbols (£ & p)

The Examiner explains

Award this mark if the candidate has stated 2 without the correct money notation and £ symbol

| Question | Answer | Mark(s) | Content |
|----------|--|---------|---------|
| 11 | (£)2(.00) | 1 | E1.5 |
| | Correct use of £ symbol with their value | 1 | E1.5 |

The Examiner explains

Award this mark if the candidate has given an incorrect answer but has correct use of a £ symbol

12 This is how Lela works out a total cost for food.

$$11 + 3 = 14$$

Lela can check her answer in a different way.

Show how Lela can check her answer.

(1)

Show the check in the box below

The Examiner explains

The candidates needs to use a different method to check the answer

The Examiner explains

A repeat of the calculation is not accepted

The Examiner explains

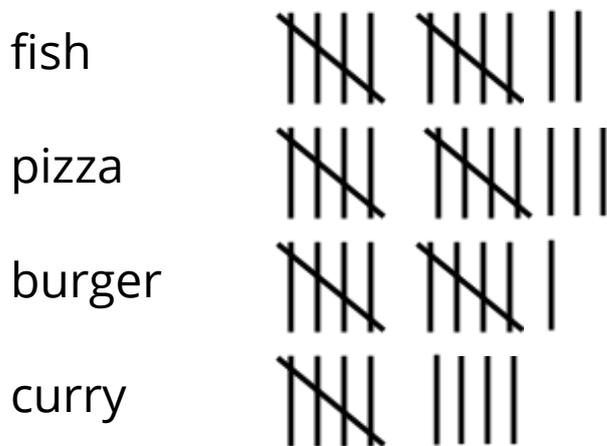
A reverse calculation using a subtraction is expected here

| Question | Answer | Mark(s) | Content |
|----------|--|---------|---------|
| 12 | Valid check using a different method, e.g. by reverse calculation 14 - 3 (= 11) OR 14 - 11 (= 3) Accept 3 + 11 Do not accept a repeat of the given calculation Accept approximation, e.g. 10 + 3 (= 13) | 1 | E1.3 |

The Examiner explains

Information in brackets is optional; it is not required to award marks

13 Lela makes a tally chart of the meals people choose.



How many more people choose pizza than curry? (1)

Show your answer in the box below

The Examiner explains

The candidate needs to read the question carefully to ensure they obtain the correct information from the tally chart

| Question | Answer | Mark(s) | Content |
|----------|------------|---------|---------|
| 13 | 4 (people) | 1 | E1.13 |