

Please check the examination details below before entering your candidate information

Candidate name

Candidate signature

Date

Pearson Edexcel Functional Skills

Set 9 – ***Practice Paper***

Time 25 minutes

Paper
reference

E3NC

Mathematics

Section A – Non-calculator

Entry 3



You must have:

black or blue ink pen, pencil, ruler, rubber

Instructions

- Use **black** or **blue** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your candidate information.
- 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 9.

Advice

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

Continue ►

W70429A

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***** PRACTICE PAPER *****
W 7 0 4 2 9 A 0 1 0 5



Pearson

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1 Omar takes part in a fun run.

A total of 764 people enter the fun run.

There are 481 people on the long run.

The others are on the family run.

How many people are on the family run?

(2)

Show your working and your answer here.

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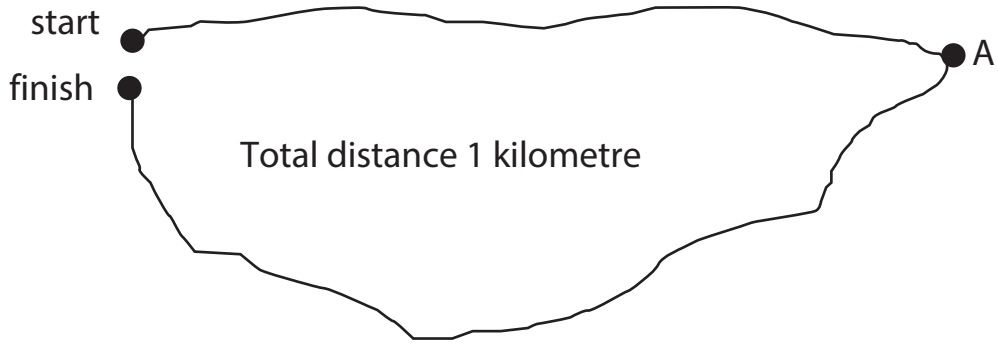
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2 This diagram shows the family run.



The distance from the start to point A is 380 m.

Omar says the distance from point A to the finish is 520 m.

Is Omar correct?

Show why you think this.

(2)

Show your working and your answer here.

Tick (✓) the correct answer.

Yes () No ()

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3 There are 7 water points on the fun run.

Omar has a total of 600 paper cups for the water points.

He wants each water point to have as many cups as possible.

Omar puts the same number of cups at each water point.

How many cups are there at each water point?

Show how many cups are left over.

(3)

Show your working and your answer here.

_____ cups at each water point

_____ cups left over

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4 Omar collects money for the fun run.

£325
from sponsors

£59
on the day

Calculate the total of these amounts.

(2)

Show your working and your answer here.

£ _____

TOTAL FOR SECTION A IS 9 MARKS

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Please check the examination details below before entering your candidate information

Candidate name

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Date

Pearson Edexcel Functional Skills

Set 9 – ***Practice Paper***

Time 75 minutes

Paper
reference

E3C

Mathematics

Section B – Calculator

Entry 3



You must have:

black or blue ink pen, pencil, ruler, rubber, calculator

Instructions

- Use **black** or **blue** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your candidate information.
- 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 27.

Advice

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

Continue ►

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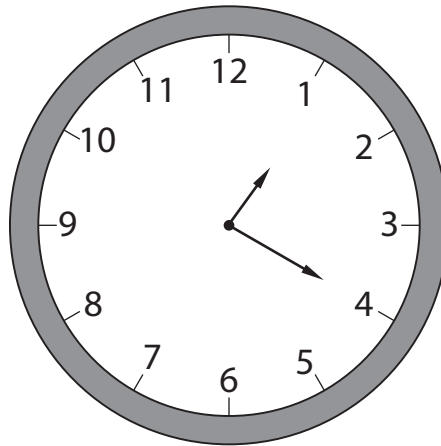
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Pearson

1 Omar works in a hotel.

The clock shows the time he sets off for work in the afternoon.



Omar takes 30 minutes to travel to work each afternoon.

At what time does Omar arrive?

Use correct time format.

(2)

Show your answer here.

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2 A customer wants a hotel room for 1 night.

Cost of rooms for 1 night (£)					
Type of room	14 May	15 May	16 May	17 May	18 May
single	71	73	75	75	79
double	79	79	73	79	88
family	91	85	91	91	91

The customer wants a double room that costs the least.

Which date does the customer choose?

(1)

Tick (✓) the correct answer.

14 May 15 May 16 May 17 May 18 May
() () () () ()

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3 Omar prints bills for the hotel customers.

The bill with the smallest room number is printed first.

Which bill does Omar print first?

(1)

Tick (✓) the correct answer.

Room 201

()

Room 121

()

Room 112

()

Room 211

()

Room 120

()

Room 210

()

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4 The cost of breakfast for 1 person is £14.80

A customer pays for breakfast for 2 people.

What is the total cost of the breakfasts?

Use correct money format.

(3)

Show your working and your answer here.

5 (a) Round £14.80 to the nearest £1

(1)

Show your answer here.

£ _____

(b) Use the rounded cost to check your answer to question 4

(1)

Show your check here.

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6 The hotel has coffee cups of different sizes.

Omar uses the largest size of cup.

Which size of cup does Omar use?

(1)

Tick (✓) the correct answer.

Size of cup

0.28 litres

()

0.15 litres

()

0.09 litres

()

0.3 litres

()

0.2 litres

()

0.22 litres

()

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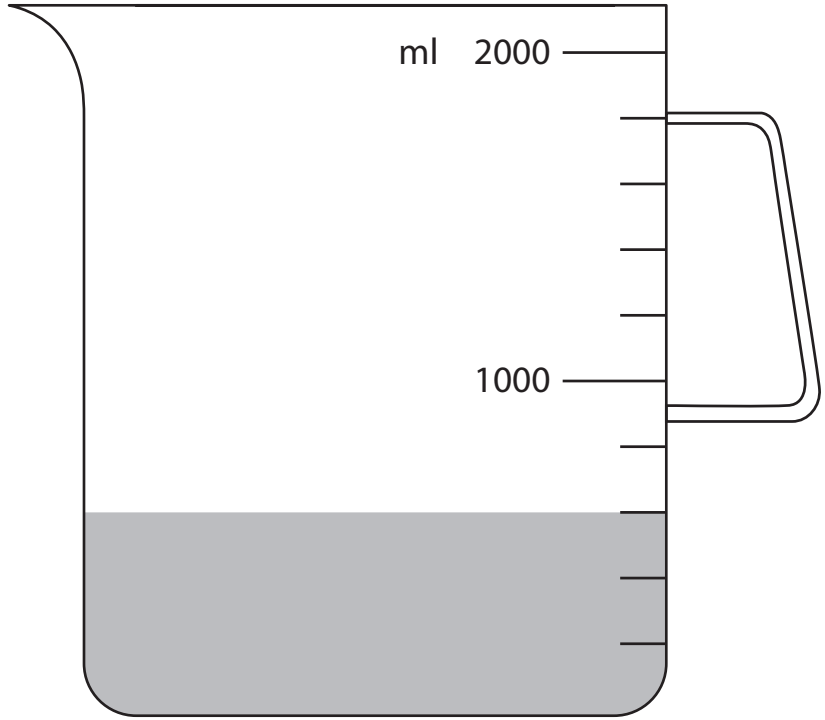
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7 Omar makes coffee.

He pours water into a jug.



Omar pours in more water to make a total of 1 litre.

How much more water does Omar pour into the jug?

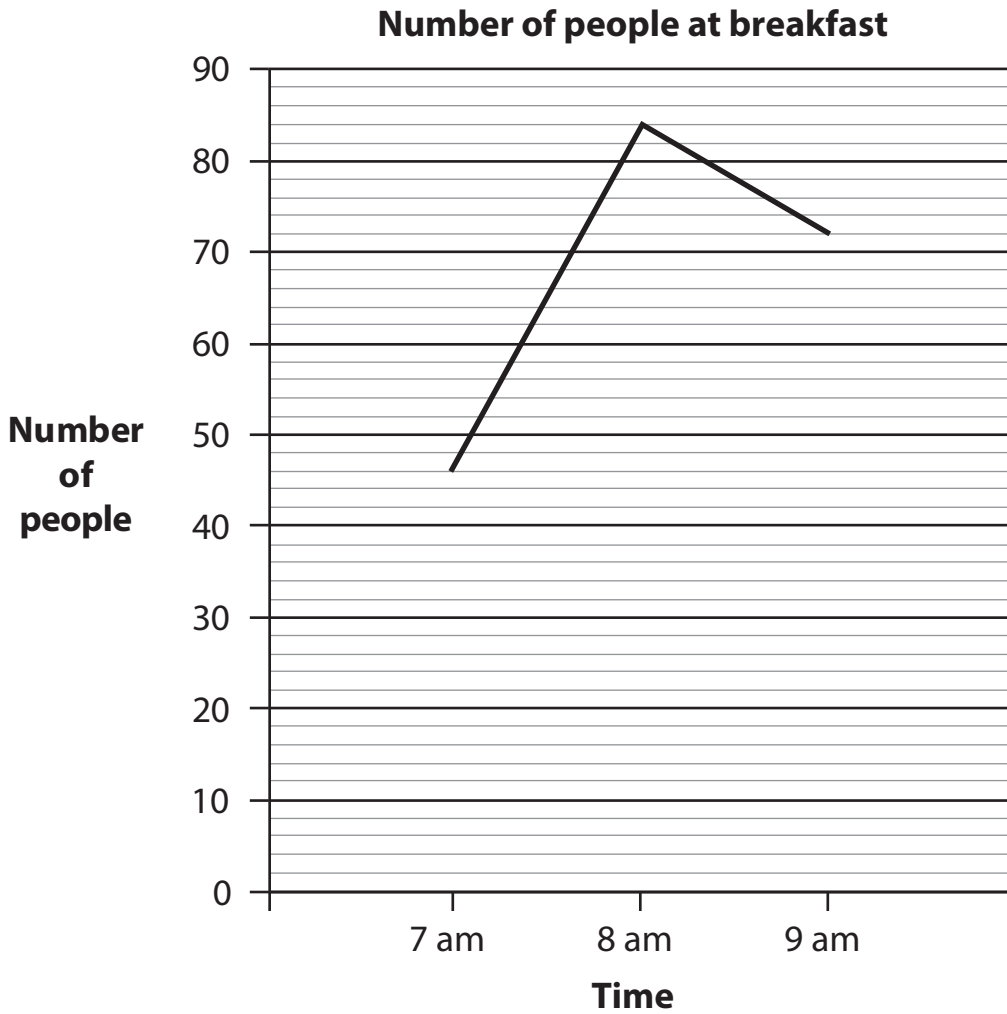
(3)

Show your working and your answer here.

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8 The graph shows the numbers of people at breakfast.



How many more people are there at breakfast at 8 am than at 7 am?

(3)

Show your answer here.

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9 These are the room numbers of family rooms in the hotel.

12 19 26 33

The numbers follow a pattern.

What is the next number in the pattern?

(1)

Show your answer here.

12 19 26 33 _____

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10 The hotel has 240 rooms in total.

A group books 48 of the rooms.

Omar says the group books $\frac{1}{10}$ of the rooms in the hotel.

Is Omar correct?

Show why you think this.

(1)

Show your answer here.

Tick (✓) the correct answer.

Yes () No ()

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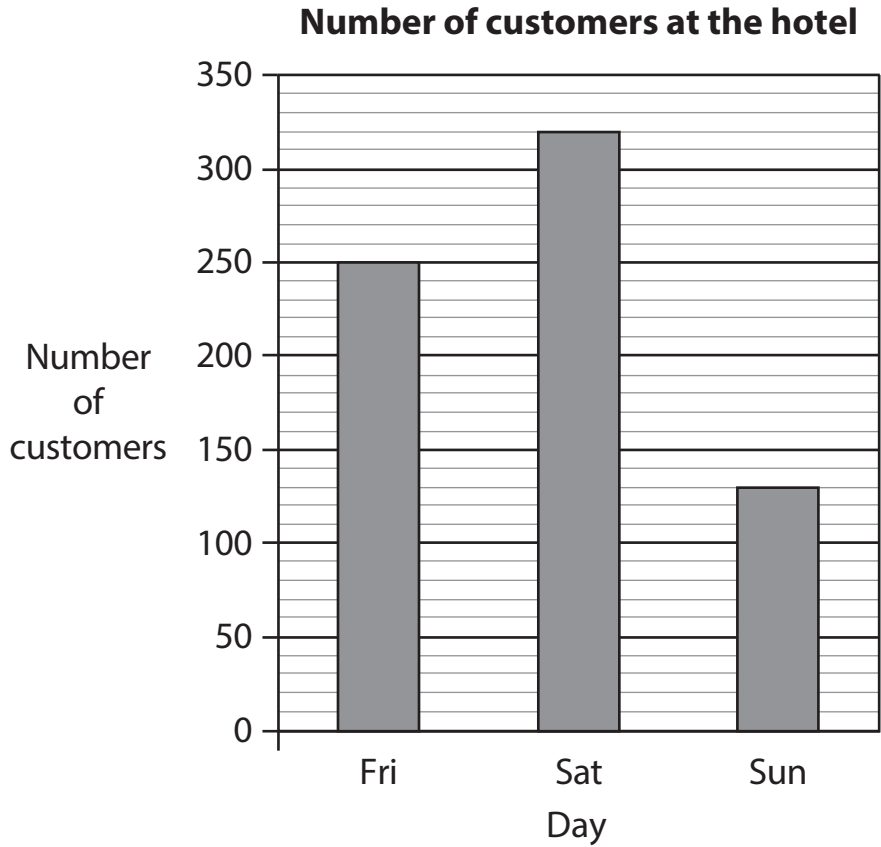


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11 The chart shows the numbers of customers at the hotel over the weekend.



On Monday there were 180 customers at the hotel.

How many more customers were there on Saturday than on Monday?

(1)

Show your answer here.

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12 Omar has chairs for an event.

He has 16 rows of chairs.

Each row has 18 chairs.

How many chairs does Omar have in total?

(2)

Show your working and your answer here.

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13 Omar puts a table in a meeting room.

The top of the table is a rectangle.

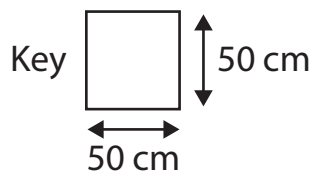
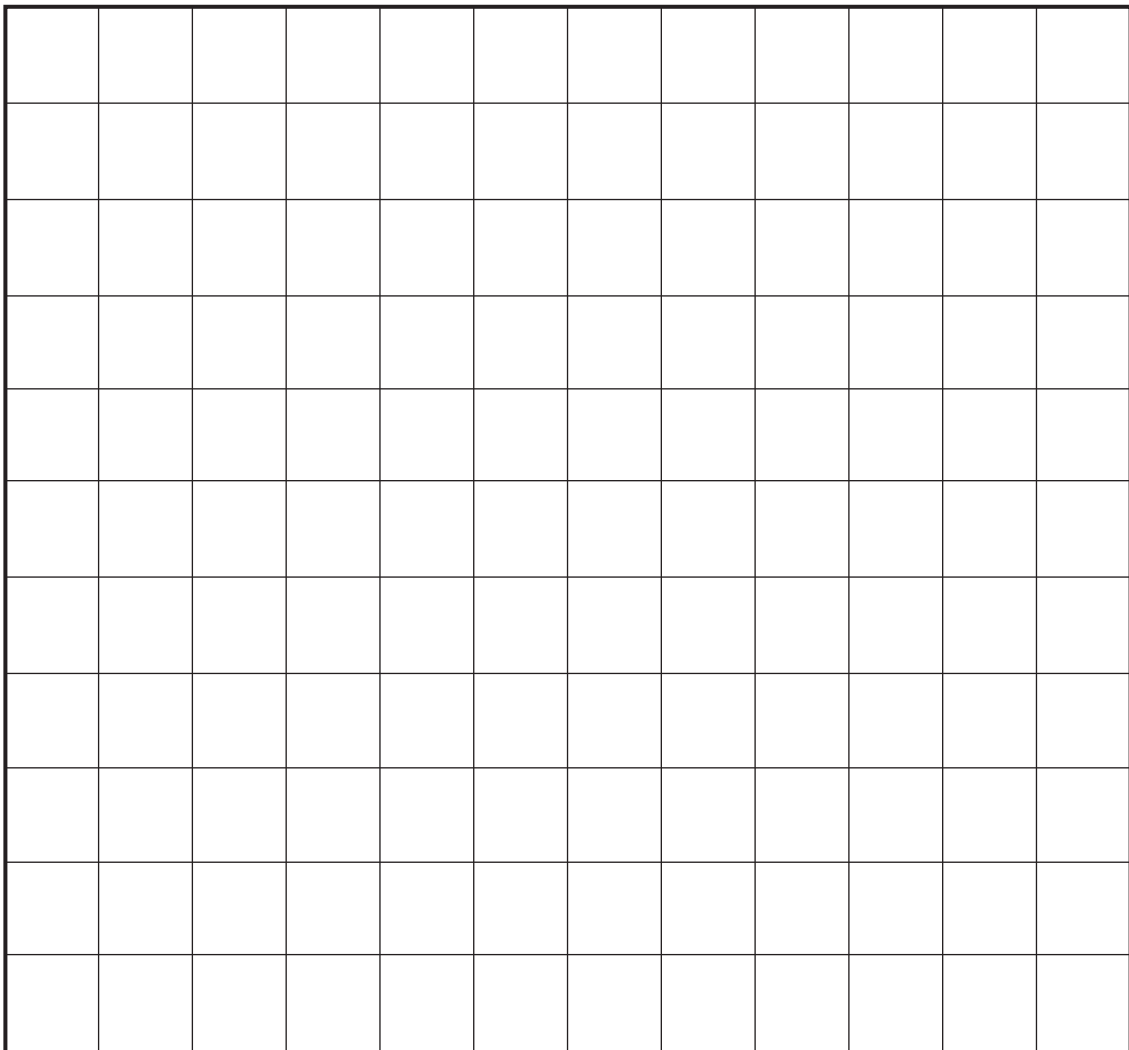
The length is 200 cm and the width is 250 cm.

Draw a rectangle on the diagram to show the table.

(2)



Diagram of meeting room floor



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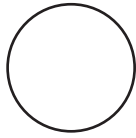


14 Omar chooses the shape of a sign for the event.

Which shape has only one line of symmetry?

(1)

Tick (✓) the correct answer.



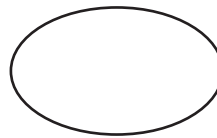
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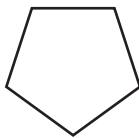
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W 7 0 4 3 0 A 0 1 4 1 7

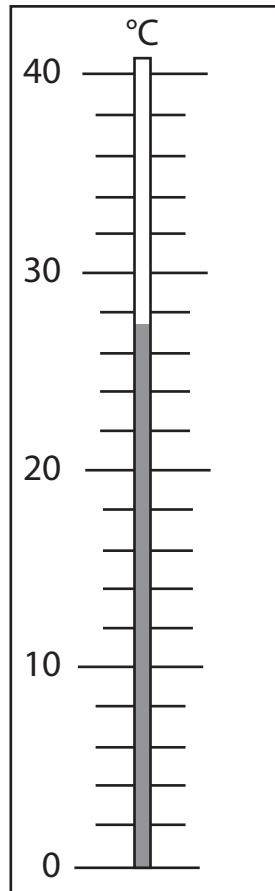
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15 A customer says the water in their shower is too cold.

Omar measures the water temperature.



The water temperature needs to be 40°C.

Omar says the temperature needs to be 7°C higher when measured to the nearest division.

Is Omar correct?

Show why you think this.

(1)

Show your answer here.

_____ °C

Tick (✓) the correct answer.

DO NOT USE FOR LIVE EXAMS
Yes () No ()
***** PRACTICE PAPER *****

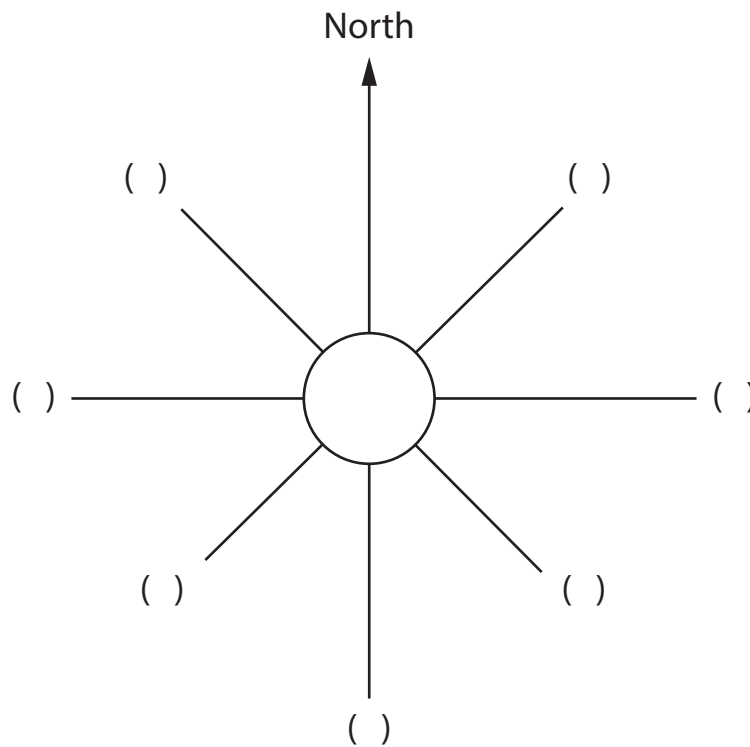


16 The hotel entrance faces south east.

Show which direction is south east on the diagram.

(1)

Tick (✓) the correct answer.



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17 The hotel website has a survey.

Omar counts the reasons why customers choose the hotel.

price	price	food	price	comfort
location	comfort	price	price	location
comfort	price	comfort	location	comfort
food	price	location	comfort	price

Complete the frequency table.

(1)

Reason	Frequency
location	4
comfort	6
food	2
price	

TOTAL FOR SECTION B IS 27 MARKS

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