

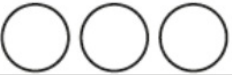

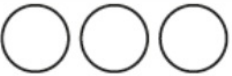


# P9- Pictograms

OCR

- 1 Charlie asked some people about their favourite type of food. The pictogram shows some of her results.

Created by W Neill

Burger	
Chinese	
Pizza	
Curry	
Fish and chips	
Other	

**Key:**  represents 2 people.

(a) How many people answered Other?







(b) How many **more** people answered Chinese than Pizza?

(c) In total 50 people gave answers to Charlie.

Complete the pictogram for fish and chips.

- 1 Charlie asked some people about their favourite type of food. The pictogram shows some of her results.

Created by W Neill

Burger		8
Chinese	 = 11	11
Pizza		6
Curry		7
Fish and chips		= 12
Other		<u>6</u>

Key:  represents 2 people.

- (a) How many people answered Other?

6

- (b) How many more people answered Chinese than Pizza?

$$11 - 6 = 5$$

- (c) In total 50 people gave answers to Charlie.

Complete the pictogram for fish and chips.

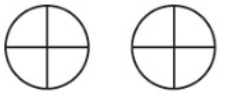
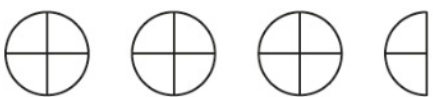


**1** In a survey, people were asked to choose their favourite type of pizza.

**p9** The pictogram shows some of the results.


8 people chose Margherita.

(a) Complete the key. [1]

(b) How many people chose Pepperoni?

Margherita	
Pepperoni	
Napolitana	
Veggie	
Hawaiian	

(b) ..... [1]

Key:  represents ..... people.

(c) There were 36 people in the survey.  
All of these people chose one of the pizzas in the pictogram.

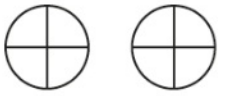

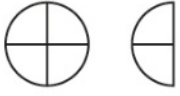


Complete the pictogram for Veggie. [3]

1 In a survey, people were asked to choose their favourite type of pizza.  
 p9 The pictogram shows some of the results.

8 people chose Margherita.

(a) Complete the key. [1]

(b) How many people chose Pepperoni?

Margherita	 8 8
Pepperoni	 4 4 4 2 14
Napolitana	 6
Veggie	
Hawaiian	 4


(b) ..... [1]

14

$$36 - 32 = 4$$



(c) There were 36 people in the survey.  
 All of these people chose one of the pizzas in the pictogram.


Complete the pictogram for Veggie. [3]

Key:  represents ..... 4 ..... people.

Edexcel

David drew this pictogram to show the information for Tuesday and Wednesday.

<b>Tuesday</b>	
<b>Wednesday</b>	

Key:  represents 3 CDs

(b) Write down **one** thing that is wrong with this pictogram.

.....

.....

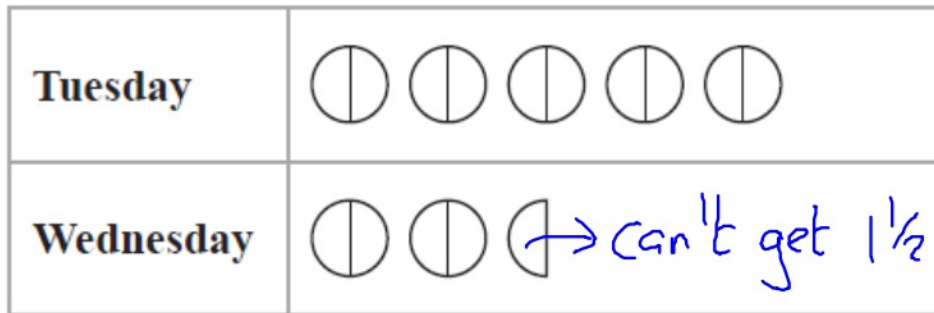
(1)


**(Total for Question 5 is 2 marks)**

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David drew this pictogram to show the information for Tuesday and Wednesday.



Key:  represents 3 CDs

$\bigcirc = 1\frac{1}{2}$  CDs.

(b) Write down **one** thing that is wrong with this pictogram.




Can't get 1.5 CDs ✓

(1)

**(Total for Question 5 is 2 marks)**

- 6 The incomplete pictogram shows information about the number of cycles sold in a shop on Tuesday, on Wednesday and on Thursday.

Created by W Neill

Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	

Key:

A total of 20 cycles were sold on Tuesday, Wednesday and Thursday.

8 cycles were sold on Friday.


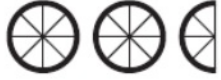



15 cycles were sold on Saturday.

Use this information to complete the pictogram.


(Total for Question 6 is 3 marks)


- 6 The incomplete pictogram shows information about the number of cycles sold in a shop on Tuesday, on Wednesday and on Thursday.

Created by W Neill

Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	

$\therefore 5$   $\leftarrow$  5 wheels = 20 cycles  $\rightarrow$   $\therefore 5$   
 $\leftarrow$  1 wheel = 4 cycles  $\rightarrow$

Key:	
	= 4 cycles

 = 3 cycles

A total of 20 cycles were sold on Tuesday, Wednesday and Thursday.

8 cycles were sold on Friday.




15 cycles were sold on Saturday.

Use this information to complete the pictogram.

  
(Total for Question 6 is 3 marks)

7 There are only apple trees, cherry trees, pear trees and plum trees in an orchard.

p9 The pictogram shows information about the numbers of apple trees, cherry trees and pear trees in the orchard.

Apple	
Cherry	
Pear	
Plum	

**Key:**



represents 4 trees




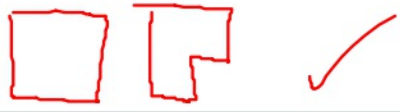
There is a total of 30 trees in the orchard.

Complete the pictogram.


(Total for Question 7 is 3 marks)

7 There are only apple trees, cherry trees, pear trees and plum trees in an orchard.

p9 The pictogram shows information about the numbers of apple trees, cherry trees and pear trees in the orchard.

Apple		12
Cherry		5
Pear		6
Plum		7

**Key:**

 represents 4 trees

$$12 + 5 + 6$$

$$12 + 11 = 23$$

There is a total of 30 trees in the orchard.

30

Complete the pictogram.

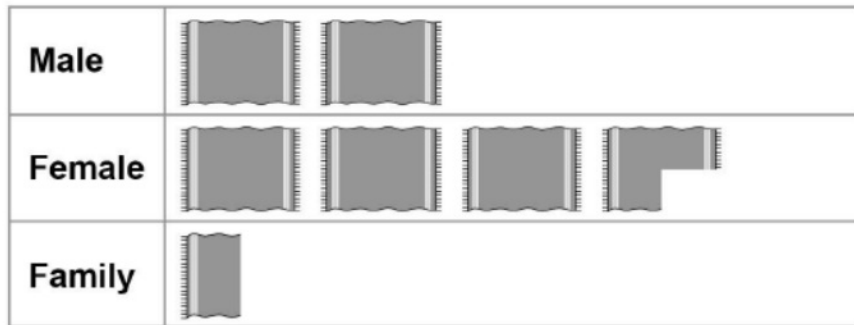
(Total for Question 7 is 3 marks)


AQA

6 A swimming pool has three changing rooms, Male, Female and Family.

p9

The pictogram shows the number of people using each changing room during one hour.



Key:  represents \_\_\_\_\_ people

8 people used the Male changing room.

6 (a) Complete the key.

[1 mark]

6 (b) How many people used the Female changing room?

[1 mark]

Answer \_\_\_\_\_

**6 (c)** The manager has bought lockers for the changing rooms.

Why should she **not** use these results to decide where to put them?

**[1 mark]**

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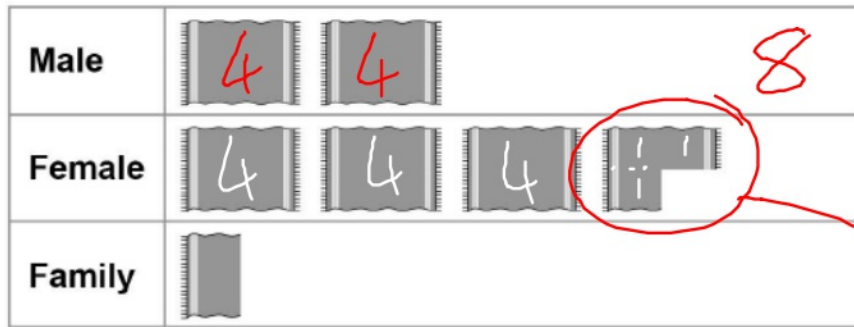
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6 A swimming pool has three changing rooms, Male, Female and Family.

p9

The pictogram shows the number of people using each changing room during one hour.



Key:  represents 4 people

3

8 people used the Male changing room.

6 (a) Complete the key.

[1 mark]

6 (b) How many people used the Female changing room?

15

[1 mark]

Answer \_\_\_\_\_

**6 (c)** The manager has bought lockers for the changing rooms.

Why should she **not** use these results to decide where to put them?

**[1 mark]**

This exercise was taken over one hour  
so not enough evidence

**(b)** Gemma wants a pictogram to show the information.  
She has drawn the first two rows.

Group	Number of friends
Family	8
Netball	8
School	26
Guides	11

P9

Complete the pictogram.

Remember to complete the key. **[3 marks]**

Key: ○ represents \_\_\_\_\_ friends

Family	○ ○
Netball	○ ○
School	
Guides	

(b) Gemma wants a pictogram to show the information. She has drawn the first two rows.

Group	Number of friends
Family	8
Netball	8
School	26
Guides	11


P9



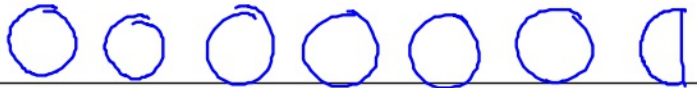

Complete the pictogram.

Remember to complete the key. [3 marks]

 = 4

 = 3

Key:  represents 4 friends

Family	 = 8
Netball	
School	 = 26
Guides	 = 11