

PICTOGRAMS

Pearson Edexcel - Tuesday 19 May 2020 - Paper 1 (Non-Calculator) Foundation Tier

1.

- 7 The incomplete pictogram shows information about the number of eggs sold from a farm shop on Monday.

Monday	
Tuesday	
Wednesday	

Key:

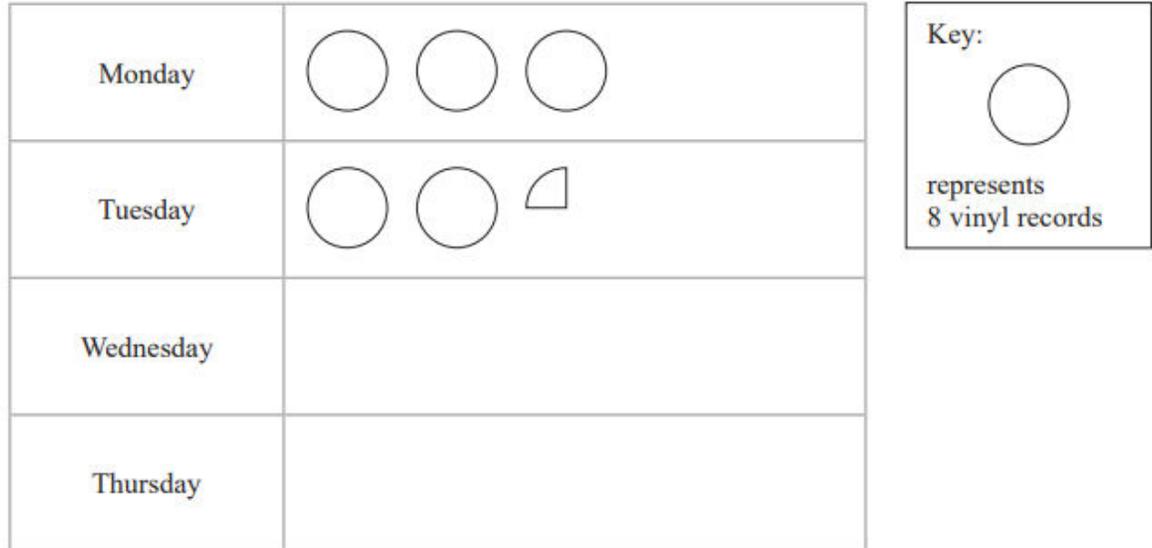
On Monday the shop sold 18 eggs.
On Tuesday the shop sold 24 eggs.
On Wednesday the shop sold 27 eggs.

Use this information to complete the pictogram and the key.

(Total for Question 7 is 4 marks)

2.

- 9 The pictogram shows information about the number of vinyl records sold in a shop on Monday and on Tuesday.



- (a) Write down the number of vinyl records sold

(i) on Monday,

.....
(1)

(ii) on Tuesday.

.....
(1)

On Wednesday and Thursday a total of 36 vinyl records were sold.
The number of records sold on Thursday was 8 times the number of records sold on Wednesday.

- (b) Use this information to complete the pictogram.

(3)

(Total for Question 9 is 5 marks)

3.

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

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.

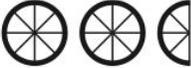
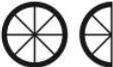
Complete the pictogram.

(Total for Question 7 is 3 marks)

Pearson Edexcel - Wednesday 8 November 2017 - Paper 3 (Calculator) Foundation Tier

4.

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

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.

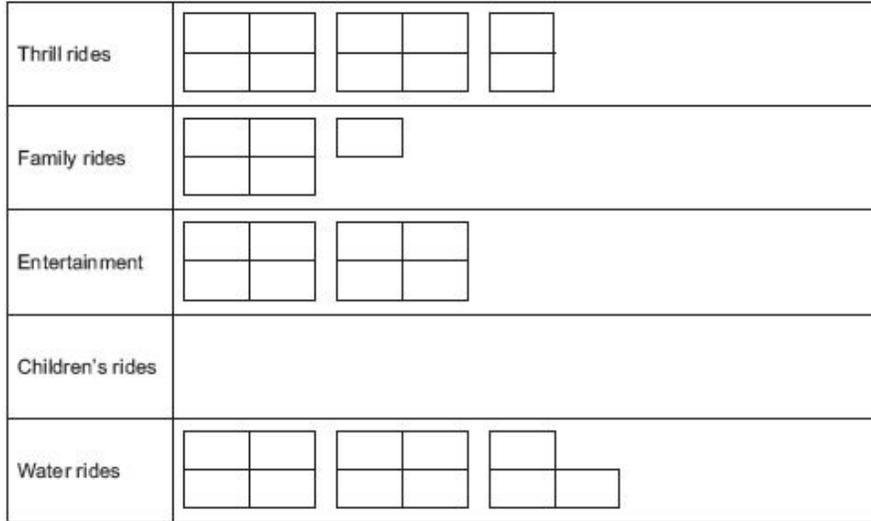
Use this information to complete the pictogram.

(Total for Question 6 is 3 marks)

OCR Tuesday 5 November 2019 – Morning (Calculator) Foundation Tier

5.

- 4 A theme park asked 900 people to choose their favourite activity from a list of five. The pictogram shows the results for four of the activities.



Key:  represents 100 people

- (a) (i) How many people chose entertainment?

(a)(i) [1]

- (ii) How many more people chose water rides than family rides?

(ii) [2]

- (iii) All 900 people chose one of the five activities.

Complete the pictogram for children's rides. [3]

- (b) Will plays a game at the theme park.
There are 20 cards numbered from 1 to 20.
Will takes a card at random.
He wins if the card he chooses shows a prime number.

Work out the probability that Will wins.
Give your answer as a fraction in its simplest form.

(b) [4]

- (c) A family ticket for the theme park costs £68.
If the ticket is bought online it costs 15% less.

How much does it cost to buy a family ticket online?

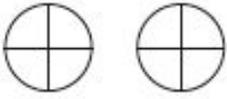
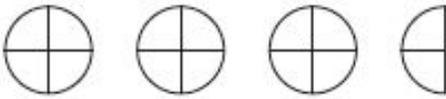
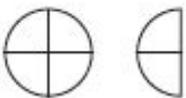
(c) £ [3]

OCR Monday 12 November 2018 – Morning (Calculator) Foundation Tier

6.

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

8 people chose Margherita.

Margherita	
Pepperoni	
Napolitana	
Veggie	
Hawaiian	

Key:  represents people.

(a) Complete the key. [1]

(b) How many people chose Pepperoni?

(b) [1]

(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]

Pearson Edexcel – Sample Papers - Paper 1 (Non-Calculator) Foundation Tier

7.

14 The table shows information about the numbers of fruit trees in an orchard.

Apple tree	Pear tree	Plum tree
45	20	25

(a) The pictogram shows this information.

Complete the key for the pictogram.

Apple tree	△△△△△△△△△
Pear tree	△△△△
Plum tree	△△△△△

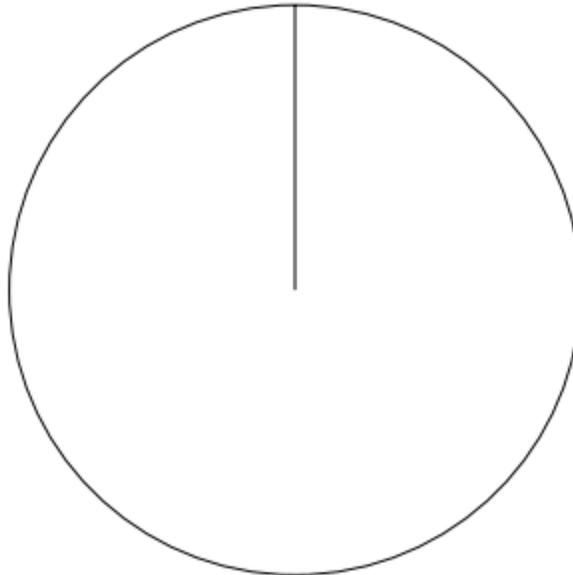
Key: △ represents trees

(1)

(b) There are 90 fruit trees in the orchard.

Apple tree	Pear tree	Plum tree
45	20	25

Draw an accurate pie chart for this information.



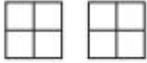
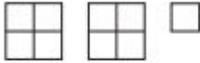
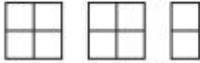
(3)

(Total for Question 14 is 4 marks)

OCR Sample Question Paper 1 – Morning/Afternoon (Calculator) Foundation Tier

8.

9 The pictogram shows how some passengers spent most of their time on a flight.

Reading	
Watching films	
Listening to music	
Playing games	
Other	

Key:  represents 40 people

(a) How many passengers spent most of their time playing games?

(a) [1]

(b) How many **more** passengers spent most of their time watching films than reading?

(b) [1]

(c) There were 360 passengers on the plane.

Complete the pictogram for listening to music.

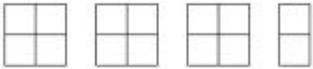
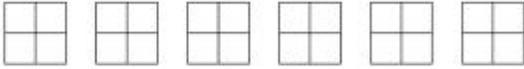
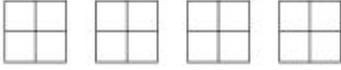
[3]

AQA Tuesday 19 May 2020 – Morning (Non-Calculator) Foundation Tier

9.

- 8 Here is some information, by ticket type, about the number of people visiting a cinema one week.

Key:  represents 40 people

Adults	
Students	
Children	

- 8 (a) How many children visited the cinema?

[1 mark]

Answer _____

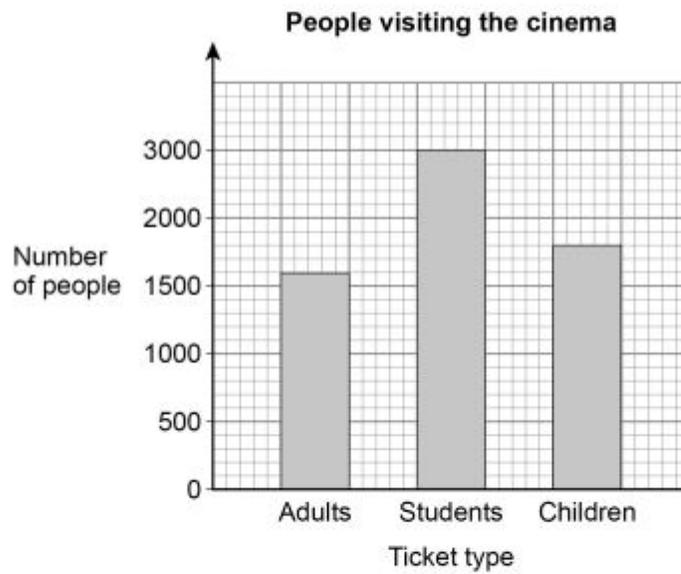
- 8 (b) How many **more** students than adults visited the cinema?

[2 marks]

Answer _____

8 (c) A bar chart is drawn to show the number of people visiting the cinema one month.

Ticket type	Number of people
Adults	1600
Students	3000
Children	1800



Give **one** criticism of the bar chart.

[1 mark]

10.

- 7 The pictogram shows information about the houses in a street.
Each house has 3, 4 or 5 bedrooms.

Key:  represents 2 houses

3-bedroom houses	    
4-bedroom houses	    
5-bedroom houses	 

In total, how many bedrooms do these houses have?

[3 marks]

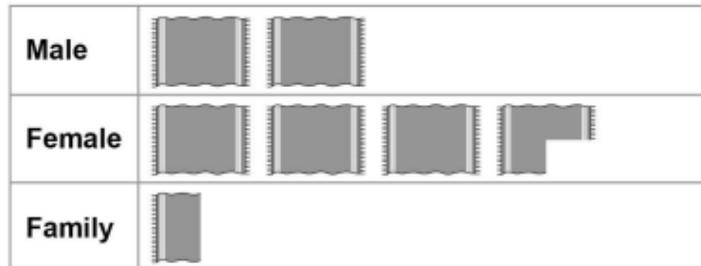
Answer _____

AQA Thursday 8 June 2017– Morning (Calculator) Foundation Tier

11.

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