

- 1 Draw a shape to match the properties in each section of the Carroll diagram.

	Has right angle	Does not have right angle
Three-sided polygon		
Not a three-sided polygon		

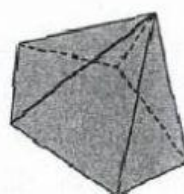
[2]

- 2 Sort these shapes into prisms and pyramids by ticking the correct boxes in the table below.

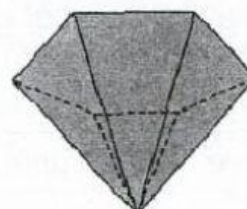
(a)



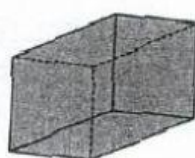
(b)



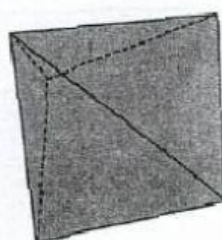
(c)



(d)



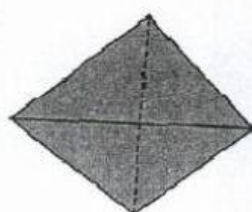
(e)



(f)



(g)



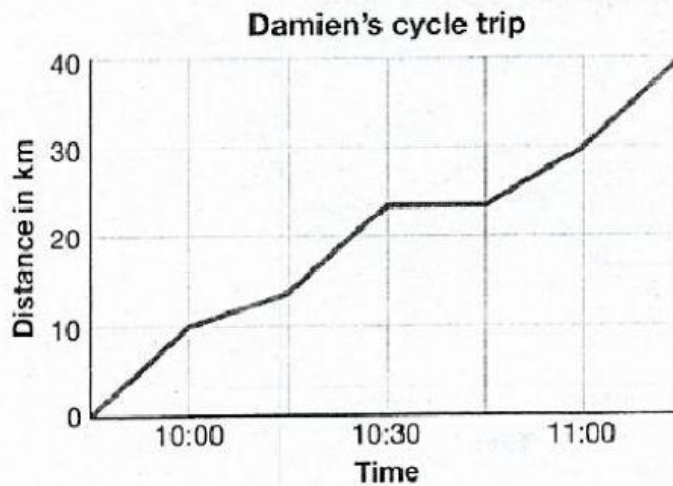
(h)



	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Prism								
Pyramid								

[1]

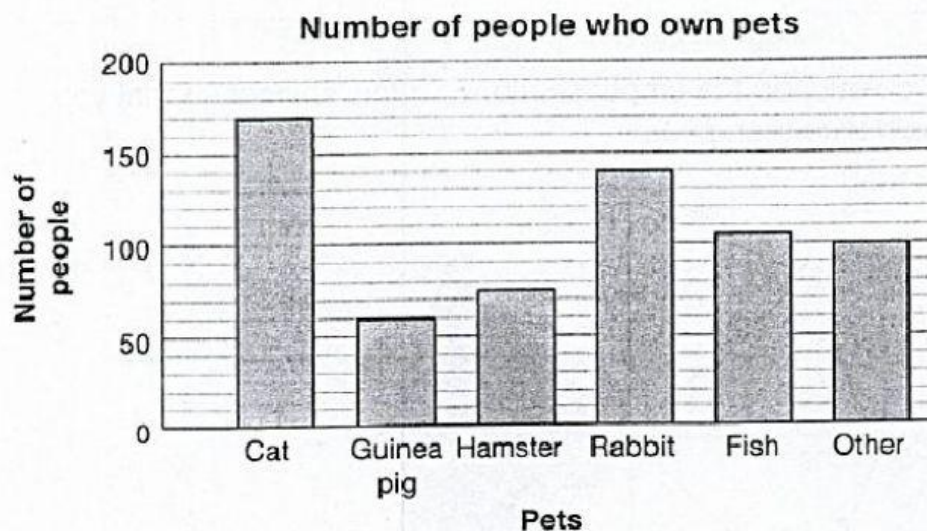
3 This graph shows Damien's cycle trip.



(a) For how long did Damien stop cycling? minutes [1]

(b) How far did he travel between 10:00 and 10:45? km [1]

4 This bar chart shows the results of a survey about the pets owned by a group of people.



(a) How many people own other pets? [1]

(b) Which pets are owned by more than 150 people? [1]

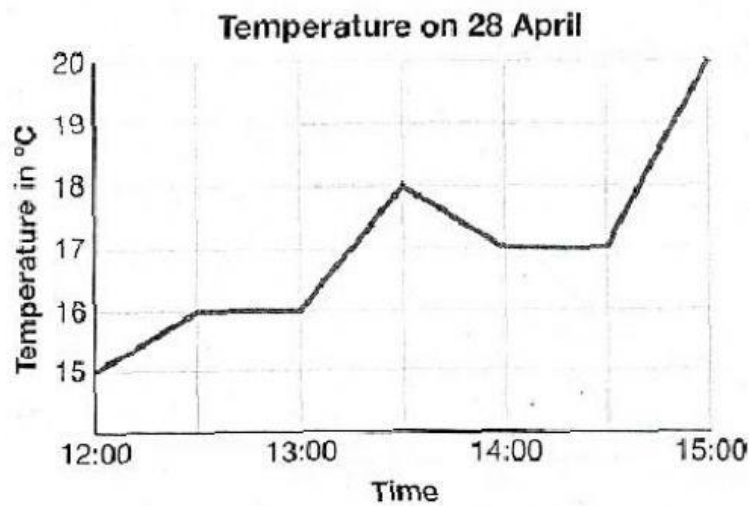
(c) Do more people own hamsters than guinea pigs? [1]

(d) Estimate the number of people who own hamsters. [1]

(e) Approximately how many people own fish? [1]

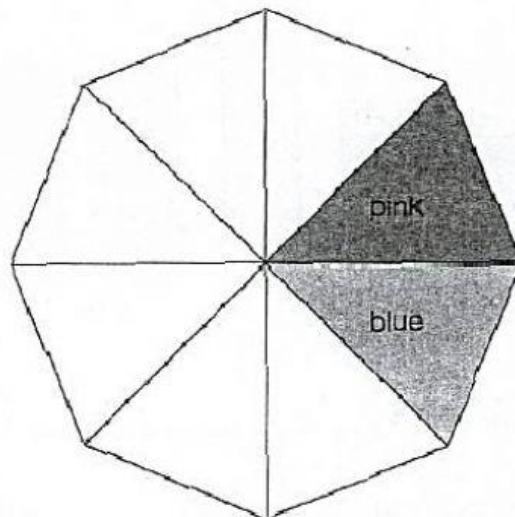
(f) How many more people own cats than own rabbits? [1]

- 5 This graph shows the temperature one day.



- (a) What was the lowest temperature? [1]
- (b) When did the temperature drop? [1]
- (c) What was the temperature at 14:30? [1]
- (d) By how many degrees did the temperature rise between 13:00 and 13:30?
..... [1]

- 6 Write the names of colours on the empty sections on this spinner so that you are more likely to spin blue than pink.



[1]

7 (a) What is the likelihood of getting an odd number on a 1–6 dice?

[1]

Circle your choice. ☐ impossible ☐ unlikely ☐ even chance ☐ likely ☐ certain

[1]

(b) What is the likelihood of getting the number 7 on a 1–6 dice?

Circle your choice. ☐ impossible ☐ unlikely ☐ even chance ☐ likely ☐ certain

[1]

8 Here are the prices of seven pairs of sunglasses.



(a) Write the prices in order, starting with the lowest.

.....

[1]

(b) Which price is the mode?

[1]

(c) Which is the median price?

[1]

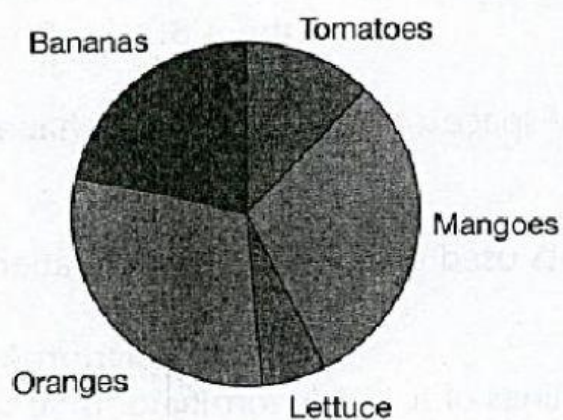
(d) Calculate the mean price. (You may use a calculator to help you.)

.....

.....

[1]

9 This pie chart shows the numbers of fruit and vegetables sold in a market.



(a) Which fruit or vegetable sold the least? [1]

(b) Which item was the most popular? [1]

(c) What did just under one quarter of people buy? [1]

(d) 12 lettuces were sold. Estimate how many tomatoes were sold.

..... [1]

THE END