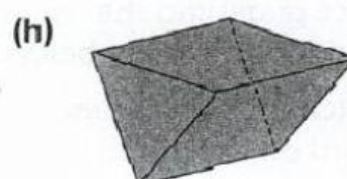
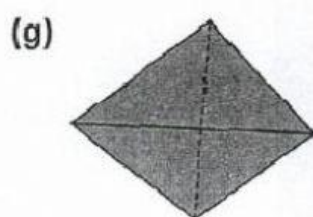
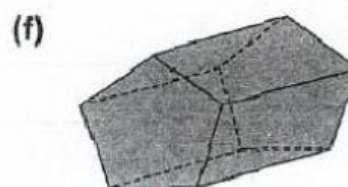
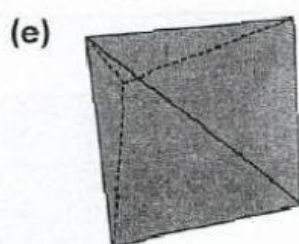
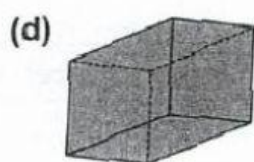
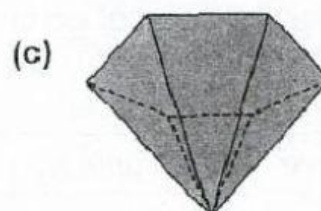
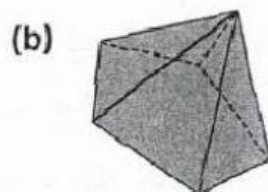
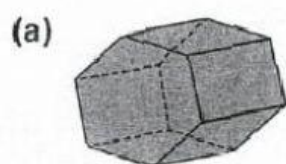


- 1 Draw a shape to match the properties in each section of the Carroll diagram.

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

[2]

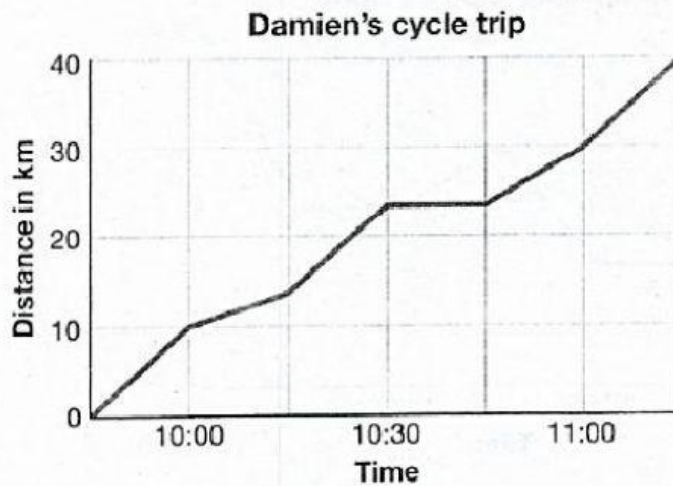
- 2 Sort these shapes into prisms and pyramids by ticking the correct boxes in the table below.



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

[1]

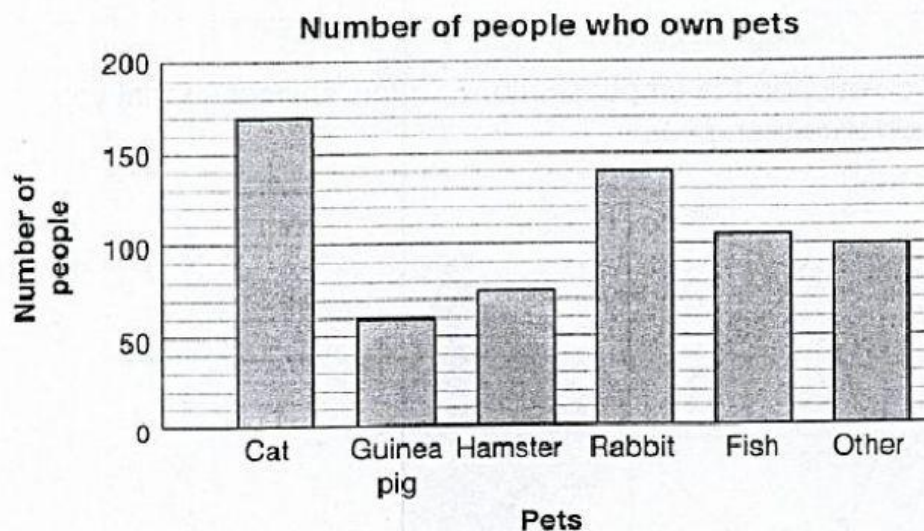
3 This graph shows Damien's cycle trip.



(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]

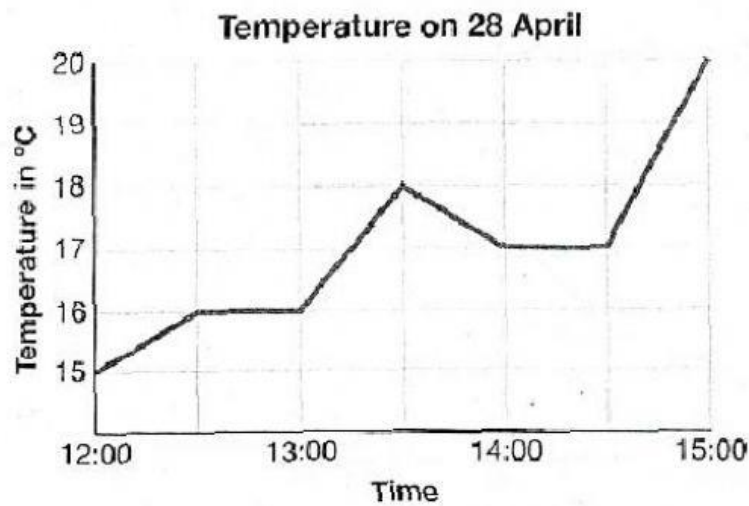
(c) Do more people own hamsters than guinea pigs? [1]

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

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

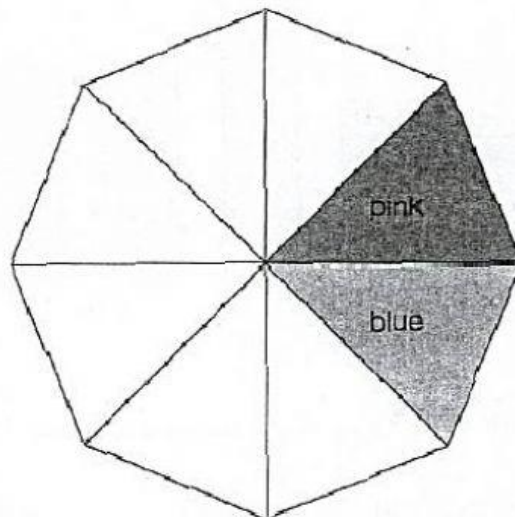
(f) How many more people own cats than own rabbits? [1]

- 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]

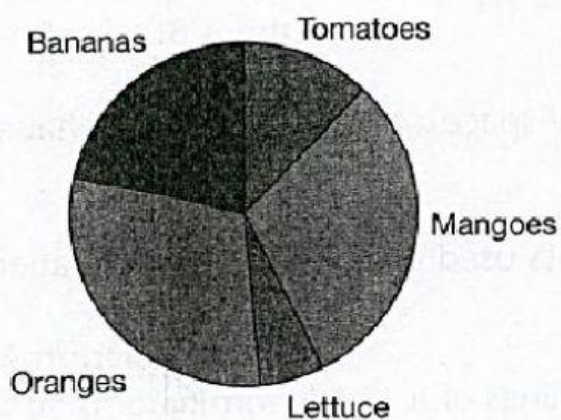
(d) Calculate the mean price. (You may use a calculator to help you.)

.....

.....

[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