1. 60 students were asked how they get to school.

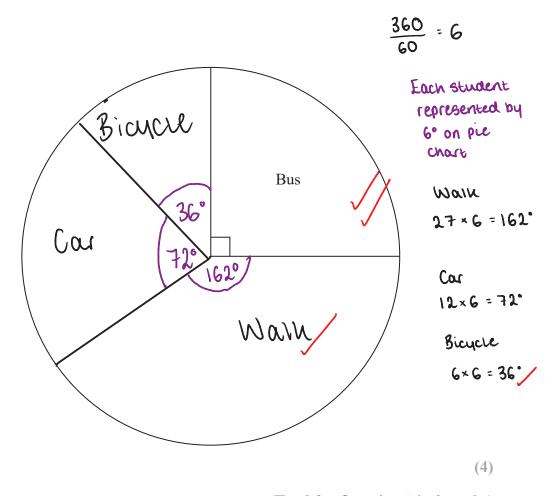
The table shows the results.

	Bus	Walk	Car	Bicycle
Number of students	15	27	12	6

(a) What fraction of the 60 students did **not** walk to school?



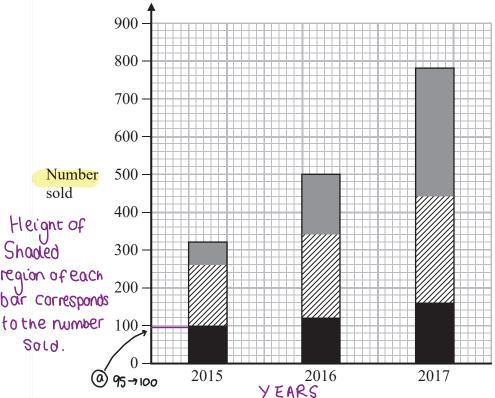
(b) Complete the pie chart for the information in the table.



(Total for Question is 6 marks)

**2.** A shop sells desktop computers, laptops and tablets.

The composite bar chart shows information about sales over the last three years.



Key:
desktop computers
laptops
tablets

(a) Write down the number of desktop computers sold in 2015

Height of the black shaded region of the 2015 bar.

(Using Values on the y-axis) 97-0 = 97

(95-100) (I

97 (1)

(b) Work out the total number of laptops sold in the 3 years.

Total height (all 3 years) of the bars shaded with diagonal lines.

2015: 260-100=160

- 160+220+280 = 660

660

2017: 440 - 160 = 280 J
(c) State the item that had the greatest increase in sales over the 3 years. Give a reason for your answer.

Tablets — The bars get proportionally longer over time (most sold in 2017, least in 2015)

or The bars more than double each year

(2

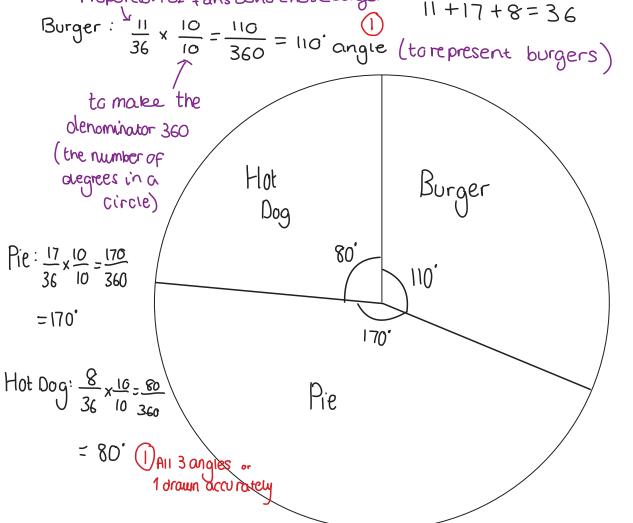
ACCI MALIIS COOL - I	ie, Dai and Tany Onarts (1 )		i ilysicsAndiviatiis i atoi
Alex says,	This can be seen in the bo	archart	
more prof	nore tablets were sold than desktop con it from the sale of tablets than from the	sale of desktop com	-
` '	profit previously mentioned of your answer.	tau? / No r	eference to profit ar Chart or question
No becow	ise we do not know co	sts/prices/pri	ofits made on
	and computers	'	
			(1)
	(	Total for Question	is 7 marks)

**3.** A group of football fans were asked what their half time snack was.

The table below gives information about their answers.

Snack	Number of fans
burger	11
pie	17
hot dog	8

Draw an accurate pie chart for this information. Total number of fans: Proportion of fans who chose burger



Check the angles sum to 360° 110+170 + 80= 360° /

- Draw in segments and label angles/titles

**(2)** 

4. Mrs Brown asked each child in her class which pet they liked best.

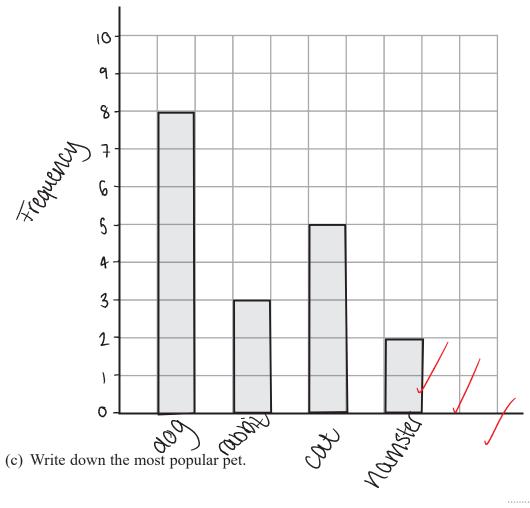
Here are her results.

dog	rabbit	cat	dog	dog	hamster
cat	dog	rabbit	hamster	cat	cat
dog	dog	cat	dog	rabbit	dog

(a) Complete the frequency table for this information.

Pet	Tally	Frequency
dog	HH 111	8
rabbit	111	3
cat	UHT	5
hamster	11	2

(b) On the grid below, draw a bar chart for this information.



(3)

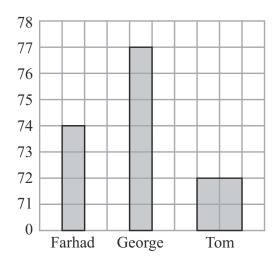
(Total for Question is 6 marks)

**5.** Farhad, George and Tom each did a test.

Here are their marks for the test.

Farhad	74	
George	77	
Tom	72	

George drew this bar chart to show the marks they got. The bar chart is **not** fully correct.



Write down two things that are wrong with George's bar chart.

1 Bais are not the same width Vi

2 7-axis has no label (should be labelled mark) 1/2

(Total for Question is 2 marks)

6. The table gives information about the number of goals scored by each of three teams.

10kg = 120

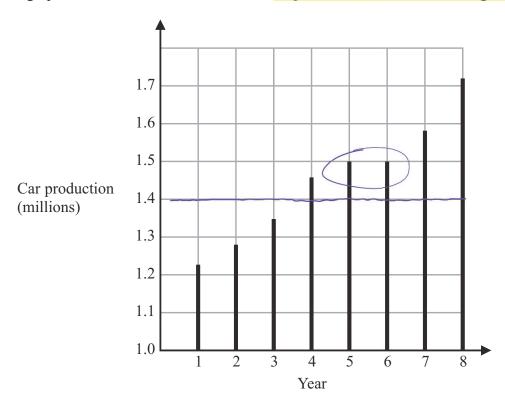
Team	Number of goals
City	50
Rovers	45
United	25

Draw an accurate pie chart for this information.



(Total for Question is 3 marks)

7. The graph shows some information about car production in the UK over eight years.



(a) For how many of these years was car production more than 1.4 million?



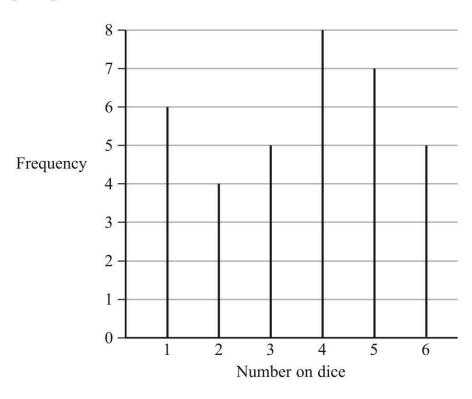
(b) In which two years was car production the same?

(Total for Question is 2 marks)

5 students throw a dice.

They each throw the dice the same number of times.

The diagram gives information about the number of times the dice lands on each number.



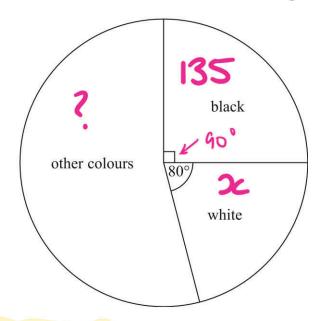
Work out how many times each student throws the dice.

Fund out how many times the clice is rolled in total Total Roles = 6+4+5+8+7+5=35

Between 5 students dice rolled 35 times Because each rolled 35 times Because each rolled 35 times of times of times

7 times 0

9. The pie chart gives information about the colour of each car in a car park.



There are 135 black cars in the car park.

(a) Work out the number of white cars in the car park.

$$90^{\circ} = 135 \text{ cars}$$
  
 $90 = 1.5 \text{ cars}$   
 $1^{\circ} = 1.5 \text{ cars}$   
 $1^{\circ} = 1.5 \text{ cars}$ 

120 white cars

There are 50 grey cars in the car park.

A car in the car park is picked at random.

(b) Find the probability that this car is grey.