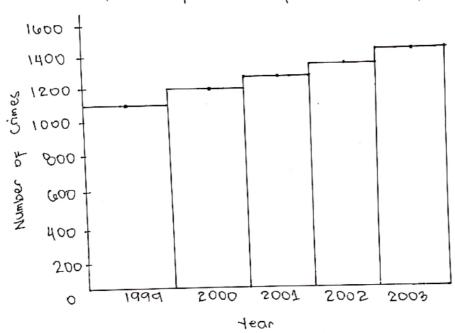
PROGRESS CHECK

1) The table below represents the number of incidence of various types of crimes for the town of thompson. construct a histogram to represent the data.

Year	1999	2000	2001	2002	2003
No. of crimes	1109	1200	1287	1350	1443

HISTOGRAM:

Number of Incidence of Various types of Crimes

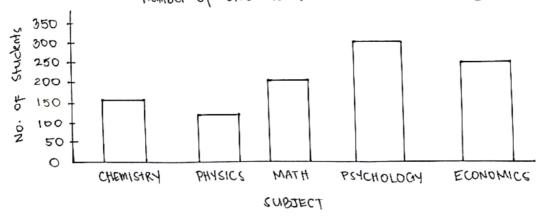


2) the following dota was collected about which introductory courses first year university students take. Draw a bar graph to represent the data.

Course	chemistry	Physics.	Moth	Psychology	Economics
No. of students	105	120	200	300	250

BAR GRAPH!

Number of Students Enrolled in Different Subjects

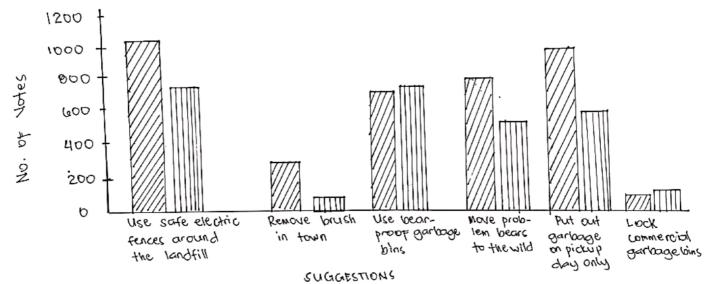


3) town councils in two towns conducted a survey to determine how people feel about the different options for protecting the bears that live in the area but still keep the community safe. The results are shown below; create a loar graph to represent this data.

Bear Smart Program					
Suggertions	Votes: Town 1	Votes: town 2			
Use safe electric fences around the landfill	1020	711			
Remove brush in town	294	47			
Use bear-proof garbage bins	701	710			
Move problem bears to the wild	773	419			
Put but garbage on pick-up day only	948	27.8			
Lock commercial garbage bins	(O)	70			

BAR GRAPH!

BEAR SMART PROGRAM SUGGESTIONS



Legard: 12 Votes: Town 1

Myotes: Tow 2

(4) Complete the chart and then create a pie graph that represents the data.

Pet	Number	Percentoge	Angle Degress in the pie
without Pet	420	42%	451.2°
Dog	240	24%	86·4°
cat	200	50.10	72°
Bird	50	5%	18°
other	90	9%	37.4°
Total	1000	100°/0	360°

Solutions!

For percentage:

for angle I degress:

For without Pets =
$$\frac{420}{1000} \times 300^{\circ}$$

= $\frac{151.2^{\circ}}{1000} \times 300^{\circ}$

= $\frac{80.4^{\circ}}{1000} \times 300^{\circ}$

For Cat = $\frac{200}{1000} \times 300^{\circ}$

= $\frac{72^{\circ}}{1000} \times 100^{\circ}$

Legend:

For Bird = 50 x 340° other = $\frac{90}{1000} \times 360^{\circ}$ = 32.4°

PIE GRAPH!

m without pets

目 1000%

12 Cots

100 pird

[others

