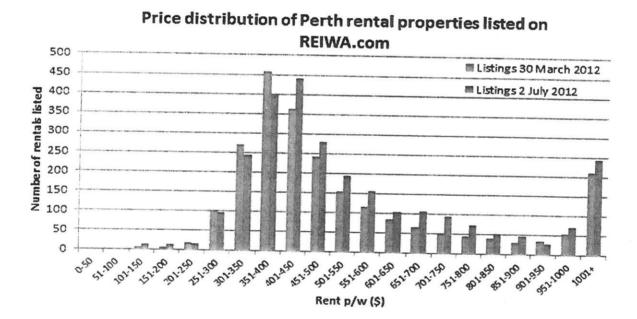
Name:	504	CHONS	Date:
Class:			
	Year 11 Essential Math	ematics	
and a	Unit 1 Test 3 2019		/ 42
Baldivis Sccondary College	Topic – Graphs		
Total Time:	45 minutes		
Weighting:	4%		
Equipment:	To be provided by the student: Per	n, pencil, ruler,1 A4 page of notes, so	cientific calculator

Full working out must be shown to get full marks. Attempt all questions.

1. [5 marks: 1,1,1,2]



a. From the above graph what is the lowest rent per week?

b. What is the highest rent per week?

c. Which rent bracket has the most number of rentals?

d. Explain why the \$1001 + rent p/w column has a sharp increase compared to the previous columns.

includes more than thethers

groups of 30

2. [10 marks: 7,1,1,1]

56 children were asked which of the following hobbies they prefer. Their results are recorded in the table below.

	Computer games	Watch Films	Read	Total
Girls	5	ti	6	.22
Boys	IN.	11	4	34
	24	2.2	10	56

- Complete the missing values
- How many boys prefer computer games?

What percentage of children watched films? $\frac{22}{100} = 39.3\%$

d. What percentage of girls read books?

6 ×100 = 27.3%

3. [4 marks]

Police recorded the average number of people caught drink driving on the same section of road on different nights of week.

Monday	5	Tuesday	6	Wednesday	4	Thursday	10
Friday	12	Saturday	17	Sunday	8		

Represent the above information as a pictograph. Use a bottle to represent two people.

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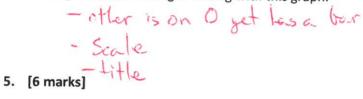
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Sulling

4. [3 marks]

67.2% COUNTED (10 minutes ago). 7 in doubt.	30 to win		
L/NP 16	19 PREDICTED		
ALP	36	40 PREDICTED	
ज्यान । ।		The State of	

List 3 things that are missing or wrong with this graph.



anyvalil 3

The following data set shows the temperatures over 1 day.

Time	Noon	3pm	6pm	9pm	Midnight	3am	6am	9am	noon
Temperature	30C	33C	30C	29C					
Temperature		1	30C	29C	25C √ − 1)	23C	22C	28C	32C
v an approp	riate gra	ph for th	is data		1/0 - 1	1/2		s. Mcala	, Odeo
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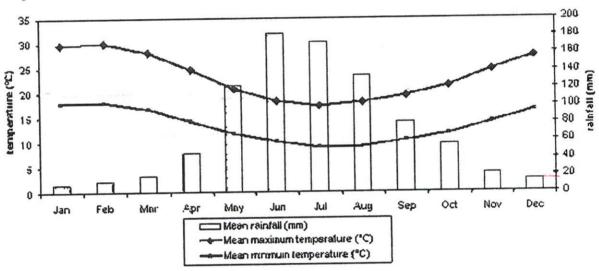
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6. [6 marks]

Data	Display/graph	Reason
The percentage of students in each year group at school		Catergorical
year group accounts	1	
The price of fuel over a week	line graph /	Continues
The favourite chocolate bars of students at school	pre, bar, colour a	/ caleyo.ical

Suggest which data display or graph would be best for each data set and give your reason

7. [8 marks: 1,1,2,2,2]



What is the mean maximum temperature in September?

Which month has the coldest mean minimum temperature?

What is the difference between the mean maximum and mean minimum temperatures in May?

≈ 22-13=9

How much more rain falls in June than December?

Describe the annual rainfall pattern?

nnual rainfall pattern?

low increases to the middle of the year

the decreases.