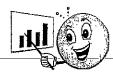
Name:		



Date:	

BAR GRAPHS HAND IN

15

To kick off their physical education course, students surveyed their friends to find out their favourite way to stay active. The data is listed below. Make a double bar graph.

Activity		berof lens
	Manager Committee of Committee	Remale
Running	6	7
Weight Lifting	4	2
Soccer	3	2
Hockey	5	5
Speed-Skating	3	1
Swimming	2	1
Hootball	4	0
Baskciball	3	4
Baschall	3	2
Voltevial	2	4
Cycling	2	4
Walking	1	2

Step 1: Discreet Data already provided in chart.

Define discreet data:

1

1

2

3

Step 2: List the maximum of the sorted data.

Step 3: Determine the scale of the numerical axis. Apply your findings to your graph.

Step 4: Draw/label your axis (x2), title, legend, and subheadings.

Step 5: Draw all data on your graph.

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List 4 pieces of information you can interpret from this graph.

1.

2 3.

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Name:	 	 	·····	

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<u>Histograms Hand-in</u>

1. As part of his law class, Jeremiah is doing a project about jails. As part of his presentation he wants to include statistics about the sentences of prisoners in a high security prison. The data he collected is in the table below.

Sentence Time	Number of Prisoners			
Under 1 year	845			
1 year and over	1758			
2 years and over	2486			
5 years and over	6784			
10 years and over	5917			
15 years and over	4375			
25 years and over	583			

a) Make a histogram that Jeremiah could use in his presentation

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(b) The provincial government is responsible for prisoners who serve terms less than two years, while the federal government is responsible for prisoners serving 2 years or more in jail. Based on the graph above, which government has the larger number of prisoners?