Simon

Comparing/contrasting precipitation of students' local region with a rainforest region

I. Table 1: Calculating the mean

Watsonville	**Manaus, Brazil**
Jan 113 mm	Jan 270
Feb 123	Feb 290
Mar 92	Mar 320
Apr 43	Apr 300
May 15	May 260
June 2.8	June 120
July 0.25	July 90
Aug 0.51	Aug 60
Sept 5	Sept 80
Oct 28	Oct 130
Nov 70	Nov 180
Dec 108	Dec 220
Mean = 50	Mean = 193

II. Determining the median

Watsonville: 0.25, 0.5, 2.8, 5, 15, 28, 43, 70, 92, 108, 113, 123

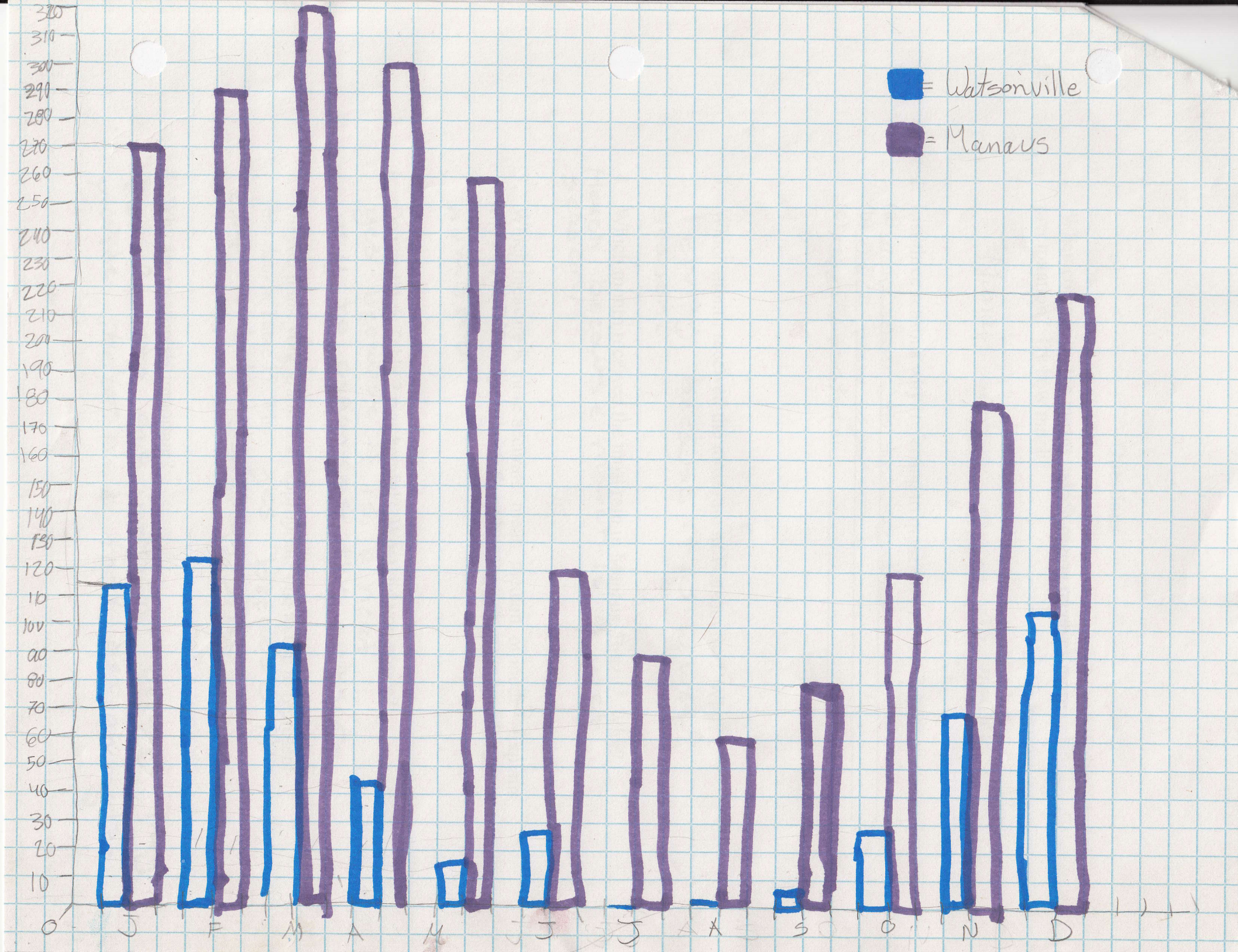
Manaus: 60, 80, 90, 120, 130, 180, 220, 260, 270, 290, 300, 320

III. Determining the mode

Watsonville: No mode
Manaus: No mode

IV. Table 2: Comparing values

Watsonville	**Manaus, Brazil**
Mean = 50	Mean = 193
Median = 35	Median = 200
Mode = No mode	Mode = No Mode


= Watsonville
= Manaus
310
300
290
280
270
260
250
240
230
220
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Questions

1. When comparing the means, which region receives more precipitation? By how much?

Manaus. Almost 4x's as much!

2. List three reasons why (referring to question 1).
   (a) more near to the equater
   (b) more sun light
   (c) more moisture

3. Which month received the most rain in Watsonville? Why?
Feburay because it is a wet season.

4. Which month received the most rain in Manaus, Brazil? Why?
March because march is a wet season.

5. Which measure is more accurate: mean, median, or mode? Explain why? mean because it uses all the numbers.

6. Do you think Table 2 was helpful? What did you notice?
yes because it is a neat way to organize the answers.

7. Do you think your graph is an appropriate one to use to represent your data in Table 1? Why? yes because it compares both side by side.

8. Why are rainforests important?
Rain forests are important because they provide shelter and food for animals.