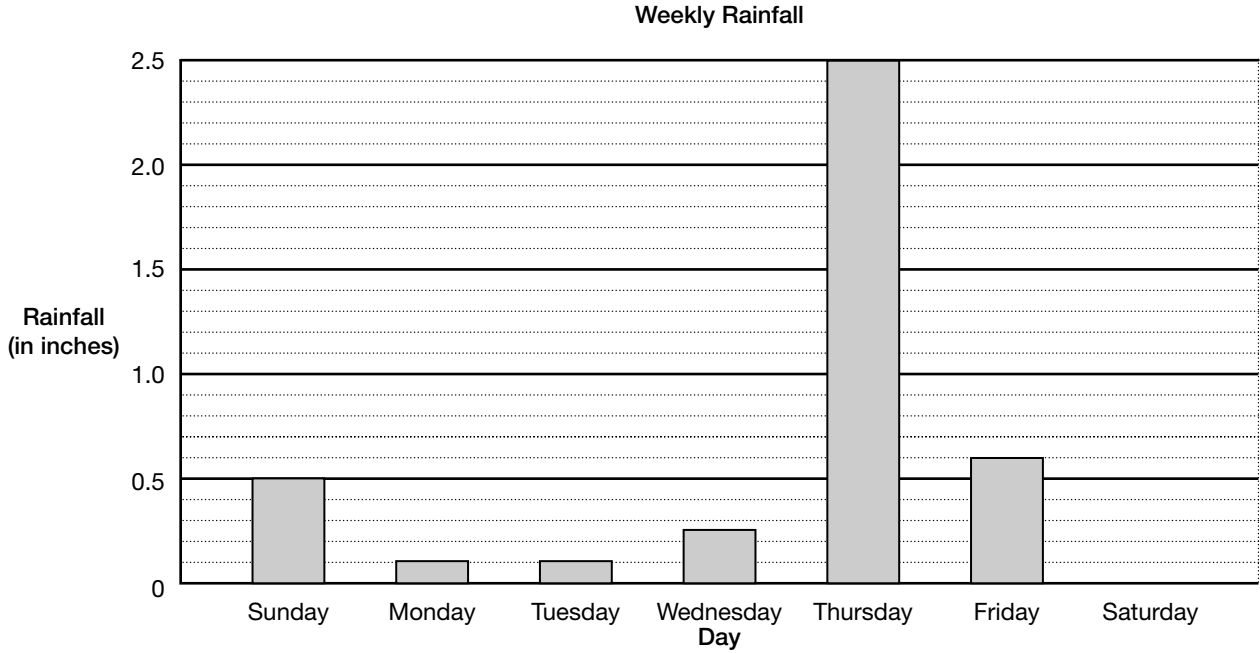


Critical Thinking

Where Cassie lives it rains almost every day in the summer. She recorded the daily rainfall for one week and started the graph below to display her data.



- On Saturday, it rained 1.2 inches. Add that day's rainfall to Cassie's graph.
- How much more did it rain on the day with the most rainfall than on the day with the least rainfall? _____
- The sum of the rainfall on two days equals the amount of rain that fell on Friday. Which two days were these?

- The amount of rain that fell on Saturday is twice the amount of rain that fell on another day. Which day was this? _____
- The sum of the rainfall on some days equals the amount of rain that fell on Thursday. Which days were these?

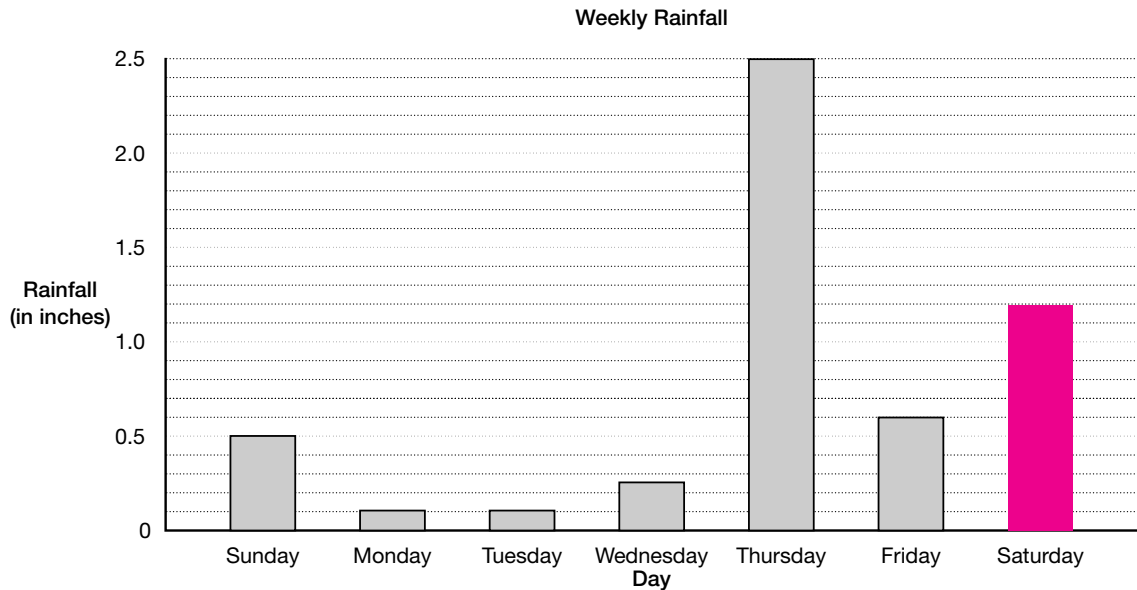
- What was the total weekly rainfall? _____
- What is the mean daily rainfall? _____
- What is the median rainfall? _____
- What is the mode of the rainfall data? _____

Name _____

**Extend Your
Thinking
3-10**

Critical Thinking

Where Cassie lives it rains almost every day in the summer. She recorded the daily rainfall for one week and started the graph below to display her data.



1. On Saturday, it rained 1.2 inches. Add that day's rainfall to Cassie's graph.
2. How much more did it rain on the day with the most rainfall than on the day with the least rainfall? 2.4 in.
3. The sum of the rainfall on two days equals the amount of rain that fell on Friday. Which two days were these?
Sunday and Monday; Sunday and Tuesday.
4. The amount of rain that fell on Saturday is twice the amount of rain that fell on another day. Which day was this? Friday.
5. The sum of the rainfall on some days equals the amount of rain that fell on Thursday. Which days were these?
Sunday, Monday, Tuesday, Friday, and Saturday.
6. What was the total weekly rainfall? 5.25 in.
7. What is the mean daily rainfall? 0.75 in.
8. What is the median rainfall? 0.5 in.
9. What is the mode of the rainfall data? 0.1 in.

32 Use with pages 185–189.