

Build Tasks

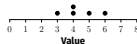


Work backwards from a target mean, then read the mode, median, and range of the shown values.

- 1.** A 6th value is added to make the mean equal 5. What must it be?



- 2.** What are the mode and median of the 5 values shown?



- 3.** What is the range of the 5 values shown?



- 4.** Calculate the mean and the median of this data set (\$ allowance).



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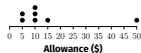


Judge the best measure of centre for an outlier data set, then explain the odd/even median rule.

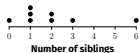
5. Which measure – mean or median – better represents a typical value here? Justify.



6. What is the range, and what does it tell you about the spread?



7. Explain how to find the median when there are 8 (an even number of) values.



8. If a 10th value were added here, how would finding the median change?

