

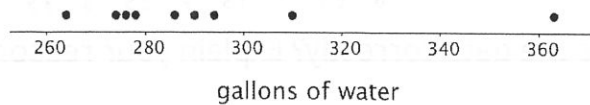
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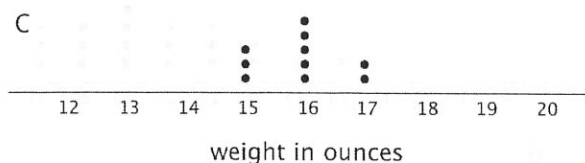
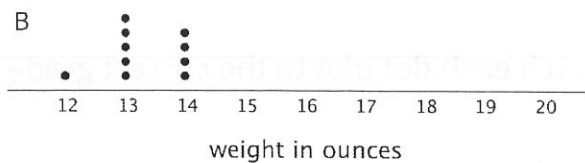
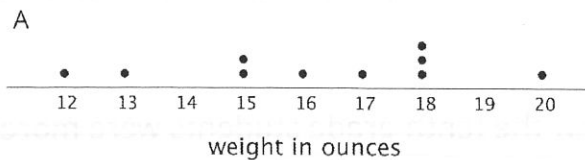
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## Lesson 5: Dot Plots and Bar Graphs

1. Here is a dot plot that shows the amount of water, in gallons per day, used by each of 10 houses on a city block. Write 2–3 sentences about what the dot plot tells us about water use for the houses on this block.



2. Three different brands of chocolate sell bags that are labeled as containing 16 ounces of chocolate. Diego weighed 10 bags from each brand and used the weights to make the following dot plots.



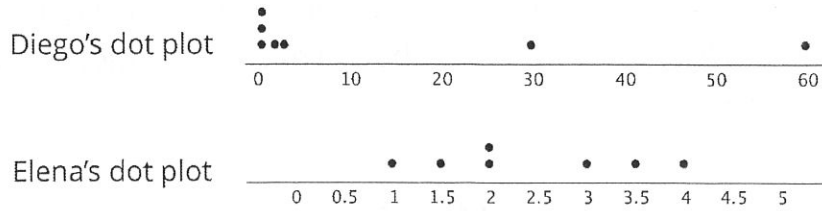
- Diego said that one brand seems to be consistently underfilling the bags. Which brand was Diego referring to?
  - Diego said that one brand wasn't consistently under- or overfilling the bags, but the label of 16 ounces on the bags is not really accurate. Which brand was Diego referring to?
  - If you were planning to buy one bag of candy, which brand would you buy if you wanted to be sure to get close to 16 ounces of candy in the bag?
3. Diego and Elena each drew a dot plot to show the amount of time per day the adults at their

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school spend in front of a computer.

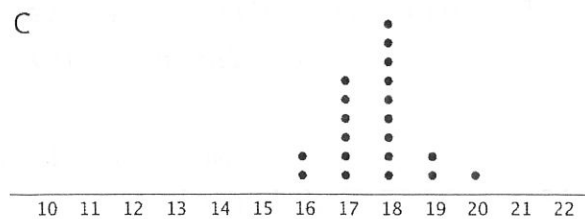
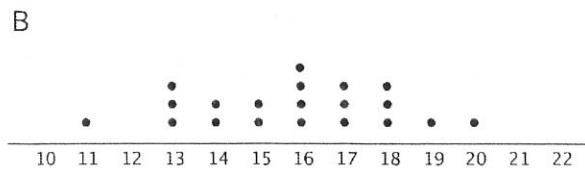
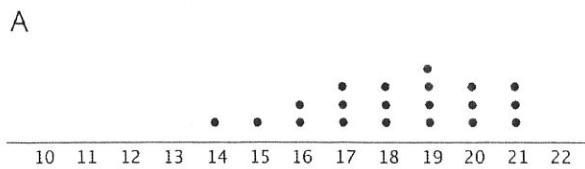


Which dot plot represents the data correctly? Explain your reasoning.

4. Jada recorded the amount of time spent doing homework, in hours per week, for students in sixth, eighth, and tenth grades. She made a dot plot of the data for each grade and provided the following summary.

- Students in sixth grade tended to spend less time on homework than students in eighth and tenth grades.
- The homework times for the tenth-grade students were more alike than the homework times for the eighth-grade students.

Use Jada's summary to match each dot plot to the correct grade (sixth, eighth, or tenth).



time in hours