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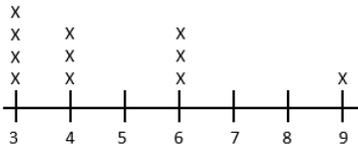
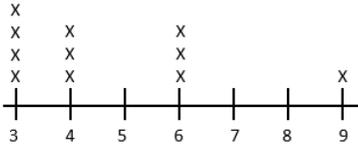
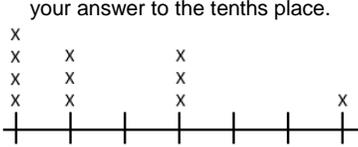
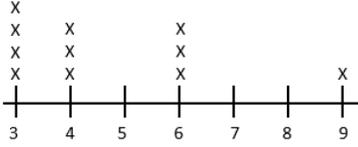
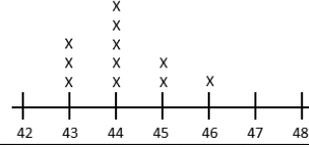
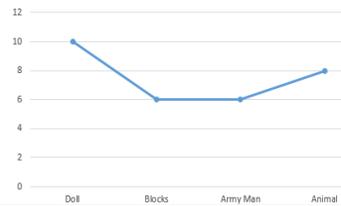
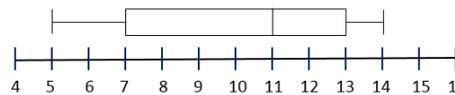
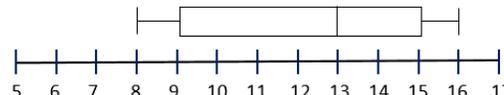
6th Grade Math Homework

April 18 - 22

Please use your math notebook and/or our math website for help/videos to help with concepts on this homework.

6th Grade Math website: sms6math.weebly.com

SHOW ALL WORK IN THE WORK COLUMN!

Tuesday	Tuesday's Work	Wednesday	Wednesday's Work
<p>Find the mode of the data set.</p> 		<p>Jonathan's Math test scores were 87, 93, 85, 62, and 95. What was his mean score?</p>	
<p>Find the range of the data set.</p> 		<p>Find the median and mean of the data. Round your answers to the tenths place. Which reflects the best measure of the center?</p> <p>13, 14, 12, 13, 23, 22, 21</p>	<p>Mean = _____ Median = _____ The best measure is _____.</p>
<p>Find the mean of the data set. Round your answer to the tenths place.</p> 		<p>10 families were asked how many pets they have. Here is the data.</p> <p>2, 3, 3, 5, 4, 2, 4, 0, 1, 3</p> <p>Find the mode and range.</p>	<p>Mode = _____ Range = _____</p>
<p>Find the median of the data set.</p> 		<p>Find the mean of the data. Round your answer to the tenths place.</p> 	
<p>Circle the statistical questions.</p>	<p>How much does my teacher make each year?</p> <p>Do I weigh more than my best friend?</p> <p>What age people watch American Idol?</p> <p>Do cats run faster than dogs?</p>	<p>What statistical question could the data below answer?</p> <p>Cost of Toys</p> 	
<p>Use the box-and-whisker plot to answer the question below.</p>  <p>Name the 5 point summary for the box plot above.</p>		<p>Draw a line plot to correctly display the data.</p> <p>1, 1, 1, 1, 3, 3, 4, 4, 4, 8, 12</p>	
<p>Draw a line plot to correctly display the data.</p> <p>4, 5, 6, 9, 13, 14, 14, 15</p>		<p>Use the box-and-whisker plot to answer the question below.</p>  <p>What is the interquartile range? _____ What percent answered at least 13? _____</p>	

Thursday	Thursday's Work
<p>Draw a line plot to correctly display the data.</p> <p>9, 3, 4, 4, 4, 3, 2, 2, 20, 20</p> <p>Mean = Median = Mode = Range =</p> <p>What is the best measure of center?</p>	
<p>Draw a box-and-whisker plot to represent the data below.</p> <p>7, 8, 10, 13, 14, 17, 22, 22, 24</p>	
<p>Draw a line plot to correctly display the data.</p> <p>19, 22, 22, 22, 24, 24, 26, 28, 28, 30</p> <p>Mean = Median = Mode = Range =</p>	
<p>Draw a box-and-whisker plot for the data set:</p> <p>12, 14, 14, 12, 16, 13, 11, 14, 18</p>	

*******Do not forget to complete your extended response on the following page.*******

Weekly Extended Response Question

April 18 - 22

The following extended response is part of your weekly homework. Please answer the questions completely on the grid provided.

Things to remember:

- Did I label each part of the question?
- Did I restate the question?
- Did I include units if needed?
- Did I show all of my work?
- If the question asked me to explain, did I FULLY explain my answer?
- Did I use the RASE method to complete this Extended Response?
 - o Restate the question. (Use a complete sentence.)
 - o Answer all parts of the question.
 - o Show All Work.
 - o Explain. (if asked to do so)

This week's extended response question. (You can use your math notebook if needed.)

Fifteen people were asked to state the number of hours they exercise in a seven day period. The results of the survey are listed below.

8, 2, 4, 7, 5, 10, 11, 5, 6, 8, 12, 11, 9, 6, 10, 13

- A. Make a frequency table of the data. Use the following intervals: 0 – 2, 3 – 5, 6 – 8, 9 – 11, 12 – 14.
- B. Display the data in a histogram.
- C. How many people exercised at least 6 hours? Explain your answer.

BE SURE TO LABEL YOUR RESPONSES

Mathematics

Do not write outside this box.

