

Sixth Grade Math: 1<sup>st</sup> Quarter Exam Study Guide

Use the following data for items 1-4.  
15, 25, 15, 4, 6, 7

1. Find the mean.
2. Find the mode.
3. Find the median.
4. Find the range.

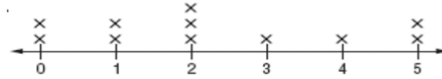
Use the stem-and-leaf plot to answer questions 5 – 7.

Stem	Leaf
4	8
5	1 2 4 7 7
6	0 2 5
7	4

$6 \mid 2 = 62$

5. How many pieces of data are represented on the stem-and-leaf plot?
6. What is the range of the data?
7. What is the median of the data?

Use the line plot for items 8-10.



8. Find the mean.
9. Find the mode.
10. Find the range.

11. Complete the chart below.

Population of Loons on Local Lakes		
Number of Loons	Tally	Frequency
30–39		
40–49		
50–59	I	
60–69	IIII	
70–79	IIII	
80–89		

12. List all factors of 72.
13. List the proper factors of 72.
14. List the factor pairs of 72.
15. Find the prime factorization of 72.