

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.

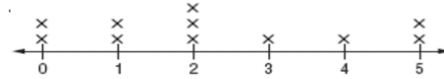
Use the stem-and-leaf plot to answer questions 5 – 7.

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		
70–79		
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.