Name:

Date:

Lesson 1.2.2 Homework

* **1-57.** Solve each of the following proportions.
1. 
2. 
3. If Joan read 75 pages in 4 hours how long will it take her to read 250 pages?
* **1-58.**Mr. Wright was making a table to figure out how much it costs to send a certain number of regular letters through the mail.  Use proportional reasoning to complete his table at right.

* **1-59.** Kelly asked some of her classmates how many hours of sleep they get on school nights. Here are the results:
* 6, 8, 7, 9, 8, 8, 8, 9, 9, 10, 6, 8, 9, 7, 8

Create a histogram for the data using the graph to the right.

* **1-60.**Define a variable and then write and solve an equation for the problem below.  Remember that you can use the 5-D Process (described in the Lesson 1.1.3 Math Notes box) to help you get started.  State your solution in a sentence.

Todd is 10 years older than Jamal.  The sum of their ages is 64.  How old are Todd and Jamal?

* **1-61.** Simplify the following expressions.