REVIEWQUESTIONS

Chapter 1

1. Identify each of the statements below as observation, hypothesis, experiment or conclusion:

a) Sally thinks she may be allergic to shrimp.

b) Yesterday, an hour after Sally ate a shrimp salad, she broke out in hives.

c) Today, Sally had some soup that contained shrimp, but she did not break out in hives.

- d) Sally realizes that she does not have an allergy to shrimp.
- 2. Express each of the following numbers in scientific notation, with 3 significant figures:
 - a) 2900000 _____
- b) 0.005865 _____
- c) 0.000004563 _____
- d) 410870 _____
- 3. Solve each equation below for x:
 - d) 3x (-6) = 12
 - e) $\frac{4x}{-12} = -8$
 - f) 3x-4=24-x

4.	There are 36 carpenters in a crew. On a certain day, 29 were present. What percent showed up for work? (round to the nearest tenth)
5.	A student answered 86 problems on a test correctly and received a grade 98%. How many problems were on the test, if all the problems were worth the same number of points? (Round to the nearest whole number)