

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)  $3x - 4 = 24 - x$

