HOMEWORK #2 (due start of class August 25)  
My star name is: ______________

LEARNING GOALS for this assignment:
1. To understand the term “light-year.”
2. To follow directions carefully.
3. Review Arithmetic skills: Review fractions, ratios, percentages, powers of ten, and scientific notation.
4. Practice English skills: Review how to write complete sentences, each with a matching subject and verb.

TO RECEIVE FULL CREDIT:
1. Read and utilize the “Daily Skills” #1-3 in both communication and numbers.
2. All sentence responses must be typewritten and in complete sentences. You may handwrite any arithmetic.
   Use good English grammar.
3. To receive full credit on problem #3, you must show how you derived your answer by writing all the logical steps that led you to it.
4. If you work more than two hours on this assignment, you should stop, record your work here, and contact Dr. McCarthy or your Teaching Assistant and Preceptor for help.

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1. Log in to our online textbook. Read sections 1.1 through 1.5. Be prepared for a quiz to test your understanding of a “light-year.”

2. Read and consider this week’s Daily Skills #1-3 in both communication and numbers. The Daily Skills are found at links on the right side of our Web site.

3. Sally earns $100,000 per year and received a raise of $5,000. Bob earns $25,000 and received a raise of $2,500. From a percentage perspective, who received the higher raise and by what amount? In several sentences, describe why each employee would feel both happy and sad. Be sure to adhere to the Daily Skills #1-3 (in both communication and numbers) you learned in item #2 above.