Name: _____ Date: _____ Period: _____

☆ **Approaching Problem Solving** ☆

✱ **Prompt 1:** Your favorite artist is playing a concert at PNC Bank Arts Center soon, and you really want to go! What do you do?!? ☺

✱ **Prompt 2:** Think of a problem you had to solve in your life within the past year. How did you go about solving the problem, and what was the result?

✱ **Prompt 3:** A. You went out to lunch with three of your friends and the bill is pictured. You had one fountain soda, a cheeseburger, and a side of the vegetable of the day. Your group also shared the margherita pizza. The service was excellent, so you decide to leave 23% gratuity. Assuming you split the tax evenly, how much do you owe? Convince me.

Welcome to Pier One Premier Dining
Bayview Plaza (#72381)
(555)303-9040
Server: Diana
CUSTOMER COPY
08/29/2015 2:18:03 PM

Order Number: 3102539

1 Margherita Pizza	*12.99*
4 Fountain Soda	*10.00*
1 Mac n' Cheese	*7.99*
2 Garden Salad	*18.98*
1 Eggplant Parm	*11.79*
1 Vege of the Day	*3.49*
1 ChsBurgr	*6.89*
Sub. Total	*$72.13*
Tax:	*$5.05*
Total:	*$77.18*

It was our pleasure serving you!
Have a wonderful day!

B. Bobby's backyard is rectangular, with the length being quadruple as long as half of the width. One of the longer sides of the yard is adjacent to the house from end to end. The yard covers an area of 200 square feet. If Bobby would like to fence in his yard, how many feet of fencing will he have to purchase? Convince me.

🖉 ***Sum It Up:*** What methods/strategies did you use to solve these problems?

If someone has a problem he/she needs to solve, what would your suggestions to him/her be, regardless of what the problem is?

How are the methods you used to solve these problems similar?	What makes the problems in prompt 3 different? What additional strategies enhanced your methods of solving these problems?