

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, macaroni and cheese, and a side of vegetables (the vegetable of the day). Your group decided to split the tax evenly, and that each person would leave \$4.00 towards the tip. How much money 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

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

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

B. Bobby's backyard is rectangular, with the length being half as long as the width. The yard covers an area of 200 square feet. If Bobby needs a new fence on one of the lengths of 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?

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