**PRE-ALGEBRA**

**SECTION 7.1B**

**NOTES**

**1. John wants to take a trip to Miami. A plane ticket costs $975. John plans to save $40 a week and has $295 in his savings account. How many weeks will it take to save the money?**

What am I trying to find?

What does my variable stand for?

How does my variable change value?

What is my “total”?

Does anything else affect my variable?

**\*\*After solving: Did I answer the question that was asked?**

**2. The student council is selling candy bars for $1.50 each. If the goal is to raise $700, and they have $250 already, how many candy bars must be sold?**

What am I trying to find?

What does my variable stand for?

How does my variable change value?

What is my “total”?

Does anything else affect my variable?

**\*\*After solving: Did I answer the question that was asked?**

**3. Jason made $52 in tips. If he worked 6 hours, and made a total of $79, what is his hourly wage?**

What am I trying to find?

What does my variable stand for?

How does my variable change value?

What is my “total”?

Does anything else affect my variable?

**\*\*After solving: Did I answer the question that was asked?**

**4. Sally wants to limit her calorie intake to no more than 800 calories per meal. If a ham and cheese sandwich has 625 claories, and a pickle has 35 calories, how many pickles can she eat?**

What am I trying to find?

What does my variable stand for?

How does my variable change value?

What is my “total”?

Does anything else affect my variable?

**\*\*After solving: Did I answer the question that was asked?**