I Need an Equation!

**Directions –** Answer the following word problems by creating an equation and

finding the solution. Show how you solved the problem! Remember to use

letters to represent the unknown quantities.

1. Mom has 400 movies to pack into boxes. On Tuesday she packs 222 movies and on Wednesday she packs 148 movies. How many more movies does Mom need to pack into boxes?
2. I have been doing extra chores around the house to earn enough money to buy a new bicycle. I earned $33 on Monday, $17 on Tuesday, and some more money on Wednesday. I have a total of $100 now! How much money did I earn on Wednesday?
3. Jessica had 165 marbles in her collection. She lost 43 of them when she had a hole in her marble storage box. Her father bought her 22 more to help her replace some of the lost ones. How many marbles does Jessica have now?
4. 465 people were watching a baseball game. 111 people left when it started to rain. After the rain was over, some people came back to watch the rest of the game. There are now 369 people watching the game. How many people came back after the rain was over?