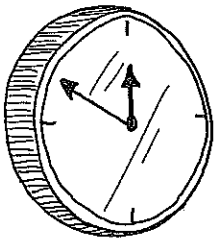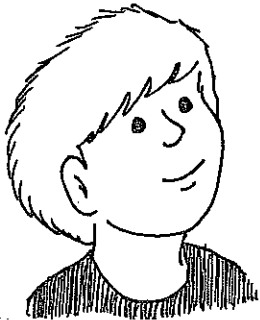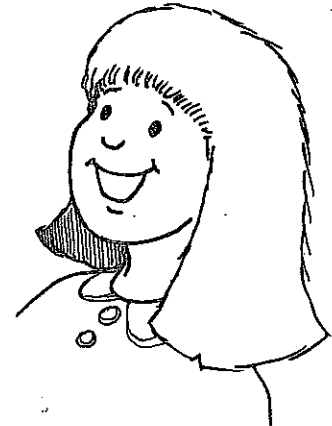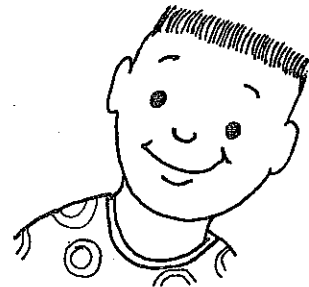Name _____

Windows #1

Mr. Black's class was playing Windows. The object of the game was to use the digits 1 to 9 once in each "window" to make as many true equations as possible. Mr. Black told the class he would let them go to lunch a minute early for each correct solution they could find. How many minutes was it possible for the class to earn? What are the possible solutions?

PLEASE USE THIS 4-STEP PLAN TO SOLVE THE PROBLEM IN YOUR JOURNAL:

Step 1: Restate the problem in your own words.

Step 2: Collect and list all of the important information (facts) from the problem.

Step 3: Solve the problem AND describe in detail what you did to solve it (what you tried, what worked, what didn't work, etc.)

Step 4: Look back at your answer – how do you know it makes sense?

Name _____   Due Date _____

Math Journal Title _____

Math Journal Rubric

Criteria	Student Score	Teacher Score
Step 1: Restating the Problem ("I need to find...") ☐ I restated the problem in my own words. 10 points		
Step 2: Creating a Bullet List of the Important Information ☐ I listed the information necessary to solve the problem using bullet points. I included facts discussed in class, too. 10 points		
Step 3: Writing About Solving the Problem ☐ I showed all of my trials and errors. ☐ I explained the strategies that worked and didn't work and how I arrived at my final answer. ☐ I described all interesting findings and included all diagrams, charts, patterns, etc. ☐ My work is neat and legible. 70 points		
Step 4: Checking Your Answer ☐ I rechecked my explanation and descriptions to make sure they make sense. ☐ I explained why my answer is accurate and logical. ☐ I challenged myself to find a second strategy to confirm my original answer. 10 points		
Score Total:		