Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_

Class Period: \_\_\_\_\_\_\_\_\_

**Java Program Design Process Prompt**

1a) Program Name:

1) Define the problem - state the problem clearly and precisely:

2) Identify Criteria - state the program’s criteria clearly and precisely. Identify all constraints:

3) Select and approach – detail the most appropriate loop structures and equations needed to write this program.:

4) Making a model or prototype – on a separate piece of paper, craft a flowchart detailing how you plan to write your program.

5) Testing and evaluating your design – articulate whey the loop and/or equations you selected in question 4 were the best. If they were not, change them here and articulate whey you made the change:

6) Refine the Design – Is there anything you can do to make your program more efficient? If so, what? If not, how do you know?