MATHEMATICS RUBRIC CUES FOR STUDENTS

Analysis

- Consider what the question asks you to do.
    - What information is given in the problem?
    - What information do you need to solve the problem?
- Think about what you would do to solve the problem.

* Representation

- Write an equation or inequality.
    - Define the variables. Let x = _____ and/or let y = _____ .
- Create a graph, chart, or table.
    - Include titles, axes, labels, and scales.
- Create a drawing or construction.

Application

- Solve the problem.
- Write the answers in the context of the problem.
- Be sure you answer what is asked for in the problem.
- Check to see if the answer is reasonable.

* Explanation

- Write or describe the steps you used to solve the problem.

* Justification

- Use mathematics (definitions, theorems, reasoning, principles) to support your solution and/or process.
    - Write the mathematics concepts you used.
    - Tell why you solved the problem as you did.
    - Demonstrate that the solution is correct.

* Complete as appropriate and required by the problem.