

# RUBRIC

## SOLVING PROBLEMS

**DIRECTIONS:** This form is designed to help you evaluate a student's skill in problem solving. Read the statements below. Then indicate the number from the following scale that reflects your assessment of the student's mastery of this skill.

1 = Weak   2 = Moderately Weak   3 = Average   4 = Moderately Strong   5 = Strong

1.    The student first determines the facts of a problem.  
      1   2   3   4   5
2.    The student next determines what additional information is needed to understand the problem.  
      1   2   3   4   5
3.    The student develops reasons to support the answers and also reasons to refute those answers.  
      1   2   3   4   5
4.    The student assesses the supporting and refuting reasons to identify the most persuasive answers.  
      1   2   3   4   5
5.    The student makes a decision about the problem based on the answers.  
      1   2   3   4   5
6.    The student evaluates the potential consequences of his or her decision before implementing it.  
      1   2   3   4   5
7.    The student's problem-solving employs the appropriate information or facts.  
      1   2   3   4   5
8.    The student's problem-solving shows an understanding of the concepts or topics in a unit of study.  
      1   2   3   4   5
9.    The student's solution is presented in a clear, concise, and appropriate manner.  
      1   2   3   4   5
10.   Overall, the student's solution demonstrates his or her full potential in applying this skill.  
      1   2   3   4   5

Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Total Points/Grade: \_\_\_\_\_