**Introduction to Problem Solving** **Quiz**

1. What is the definition of problem solving?
2. Problem solving occurs when an organism or an artificial intelligence system needs to \_\_\_\_\_ (circle the correct answer below)\_\_\_\_\_\_.
   1. move from a given state
   2. move to a desired goal state
   3. move from a given state to a desired goal state.
3. List four steps to the Problem Solving Process and briefly describe each step in your own words.
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Describe this step:

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Describe this step:

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Describe this step:

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Describe this step: