

## Exercise 3.4

## Identifying Different Types of Knowledge Utilization Goals

Following are some examples of goal statements at the knowledge utilization level. For each, identify whether it is more closely a decision-making, problem-solving, experimenting, or investigating goal statement. Keep in mind that there is some fluidity and overlap between and among the types of knowledge utilization goals.

1. Students will be able to select the best brushstroke for creating a composition that focuses on texture.  
Decision Making                  Problem Solving                  Experimenting                  Investigating
2. Students will be able to design an alternative mode of transportation with attention to energy efficiency.  
Decision Making                  Problem Solving                  Experimenting                  Investigating
3. Students will be able to discuss hypothetical conclusions to the Vietnam War if President Kennedy had not been assassinated.  
Decision Making                  Problem Solving                  Experimenting                  Investigating
4. Students will be able to generate and test ideas about how to win a tennis game.  
Decision Making                  Problem Solving                  Experimenting                  Investigating
5. Students will be able to test what will happen to water if the surrounding temperature changes.  
Decision Making                  Problem Solving                  Experimenting                  Investigating
6. Students will be able to select the most suitable format for a persuasive essay based on specific criteria.  
Decision Making                  Problem Solving                  Experimenting                  Investigating
7. Students will be able to research and take a position on a current political issue.  
Decision Making                  Problem Solving                  Experimenting                  Investigating
8. Students will be able to determine the probability of a specific outcome given a set of conditions.  
Decision Making                  Problem Solving                  Experimenting                  Investigating
9. Students will be able to develop a strategy for collecting data schoolwide given a limited period of time.  
Decision Making                  Problem Solving                  Experimenting                  Investigating
10. Students will be able to research and make a presentation on the life of an influential American leader.  
Decision Making                  Problem Solving                  Experimenting                  Investigating