**A cat, a parrot, and a bag of seed:**

1. **Define the problem**

**A.)** A man has three objects to cross a river with and cant leave two items together.

**B.)**

**c.)** The overall goal is to cross the river with all three items alive and intact.

**2.) Break the problem apart**

**a.)** The constraints include leaving the cat with the parrot and leaving the parrot with the bag of seed.  **B.)**

**3.) Identify potential solution**

**a)**

**4.) Evaluate each potential solution** **a.)**

**b.)  
  
  
  
5.) Choose a solution and develop a plan to implement it  
  
A.)** start with transferring the cat then take the bag of seed followed by the parrot.

**b.)  
  
  
Socks in the dark**

**1.) Define the problem**

**2.) Break the problem apart**

**3.) Identify potential solution  
4.) Evaluate each potential solution  
5.) Choose a solution and develop a plan to implement it**

**Predicting fingers**

**1.) Define the problem**

**2.) Break the problem apart**

**3.) Identify potential solution  
4.) Evaluate each potential solution  
5.) Choose a solution and develop a plan to implement it**