Problem Solving

**1. A Cat A Parrot and a Bag of Seed:**

a. Define problem: The man needs to take a boat to the other side of the river and bring the parrot, the cat and a bag of seed with him. There is only enough room for the man and 1 other and he needs to find a way to transport one at a time without leaving the wrong ones alone.

b. Break problem apart: The man is unable to leave the parrot alone with either the cat or the seeds. The cat can be left with the seeds.

c. Identify possible solutions:

d. Evaluate each possible solution:

e. Chose a solution and develop a plan to implement it:

**2. Socks in the Dark:**

a. Define problem:

b. Break problem apart:

c. Identify possible solutions:

d. Evaluate each possible solution:

e. Chose a solution and develop a plan to implement it:

**3. Predicting Fingers:**

a. Define problem:

b. Break problem apart:

c. Identify possible solutions:

d. Evaluate each possible solution:

e. Chose a solution and develop a plan to implement it: