**A Cat a Parrot and a Bag of Seed**

**Defining the problem.**

A man needs to transport 3 items across the river to the other side but the boat only has room for him and 1 item.

My insight is he will have to make 3 trips or find a bigger boat.

The overall goal is to get him and the three items to the other side of the river.

**Break the Problem apart**

The constraints in this situation are that the man has limited space to transport all the items.

Sub goals can be to make 3 different trips back and forth across the river to collect his items or get on a bigger boat.

**Identify Potential Solutions**

He can make 3 different trips and put up each item where it will be safe, but it will require more time.

He can get bigger transportation, which would be a bigger boat, and then he can take all the items at the same time.

**Evaluate each potential solution**

Each of my solutions will reach the goal and the man will have his 3 items with him across the river.

Each of my solutions will work for all cases, one will take longer than the other depending on which solution he chooses to take.