A cat, a parrot, and a Bag of Seed:

1) The problems is that the man, needs to cross the River with a carrot, a parrot and a bag of seed, but if the man leave any of this together can eat each other.

One of the insights that came up to me is make a couple of trips.

At the end the overall goal is to pass the river with the three items.

2) The constraints are that only the man and one more things fit in the boat.

The sub-Goal is to not leave the cat and the parrot together, or the parrot and the bag of seeds.

3) A possible solution is the man crossing the river with the cat and the parrot, but the parrot flying and makes two trips with the carrot flying to get the seeds.

4) Yes, every solution meets the goals.

Yes, each solution will work for all cases.

5) The solution is the man takes the cat and the parrot leaving the but the cat stays in the boat with