A Cat, a Parrot, and a Bag of Seed

1. The Problem: The man needs to transport all three things to the other side, the cat, the parrot and the bag of seed but he can only transport one thing at a time. The man needs to transport all three to the other side without anything getting ate in his absence.
2. The constraints of the problem are that the man cannot leave any of the two behind without something going wrong. He is only allowed to bring one thing at a time across.
3. Taking one thing at a time.
4. The man and the parrot cross the river. He leaves the parrot there and goes back. The man takes the cat across the river. He drops off the cat and takes the parrot back across with him and drops off the parrot and takes the seed across and drops off the seed with the cat seeing that the cat will not eat the seed. He then goes back for the parrot and take him across. All three animals are safely across the river.

Socks in the Dark

1. The Problem: There are 20 socks in a drawer 5 pairs are black, 3 pairs are brown, and 2 pairs are white can only select the socks in the dark and can check them only after a selection has been made.
2. The constraints are that there are different colors of socks and that it is dark and you can not see.