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WPF WDD144

Problem Solving

**Problem:** A Cat, a Parrot, and a Bag of Seed:

1. Define the problem – The problem is that the man needs to transport the cat, parrot and bag of seed but he can only fit himself and one other item in his boat. He needs to choose which one he should take.
2. Break the problem apart – There is not enough room in the boat for all of them. The ideal goal would be to get all of the items in the boat with the man. He can’t leave the cat and the parrot alone, the cat might eat the parrot.
3. Identify Solutions – It might be possible for the man to put the parrot on his shoulder so that it doesn’t take up space. He could also leave the parrot and the seed but take the cat and come back for the parrot.
4. Evaluate each potential solution – The solutions meet the goals however returning to get any item left behind might not be an option.
5. Choose a solution and develop a plan to implement it – My solution would be to take the cat first to the other side of the river. Then the man could come back and get the seed. He couldn’t take the parrot next because he would end up leaving the cat and the parrot together. If he got the seed next and the parrot last then the cat and parrot wouldn’t be together.