You may choose to solve either "The Farmer and the Dog" or "The Farmer and the Market."

The Farmer and the Dog (worth 4 puzzle pieces)

A farmer, his son and daughter, and their pets need to cross a river. The pets are an aggressive dog, 2 hamsters, 2 rabbits. There is a small two-seater boat they can use. (Note: Only one animal can ride at time.) All 3 people know how to use the boat, but none of the animals can operate the boat.

1. If the farmer is not around, the aggressive dog will bite everyone and everything.
2. If the daughter is not around, the son will tease the rabbits.
3. If the son is not around, the daughter will tease the hamsters.
4. The hamsters and rabbits get along fine with each other.

When you have solved the problem, go to the Dean's office on the 3rd floor of Jordan Hall to present your work to the Master Teacher. Be prepared to demonstrate your solution and explain your reasoning.