

Pick a House

As you are walking down Main Street in a small town, you notice three pretty houses next to one another. In each house lives two children. One house has a boy and a girl, one house has two girls, and the last house has two boys. If you were to walk into a house at random and see a girl, what is the probability that the other child in the house is also a girl?

Go to the Assoc. Dean's Office on the third floor of Jordan Hall to present your solution to the Master Teacher. Be prepared to justify your answer. This problem is worth 2 puzzle pieces.