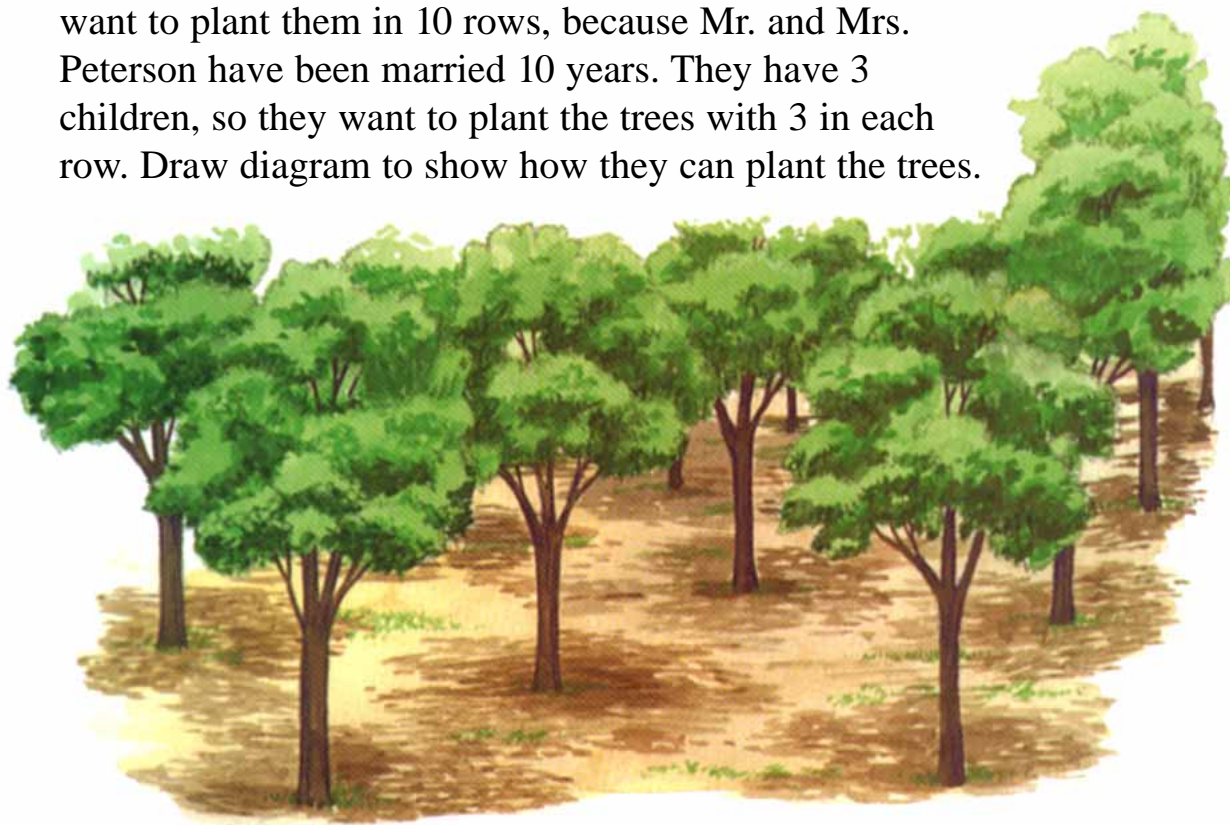


### The Problems

1. Luis has 9 pecan trees, planted in a 3 by 3 array. He has a machine that will help him pick the pecans, but it is large and difficult to turn. Therefore, Luis wants to drive the machine to every tree by driving it in only 4 straight lines. Show him how he can do this.
2. The Peterson family has 9 fruit trees to plant in their yard. In order to remember when the trees were planted, they want to plant them in 10 rows, because Mr. and Mrs. Peterson have been married 10 years. They have 3 children, so they want to plant the trees with 3 in each row. Draw diagram to show how they can plant the trees.



### Strategies and Hints

1. Think creatively!
2. Are you being limited by the usual way that you look at problems?
3. Think of unusual ways to satisfy the conditions of the problem.