Challenge Problems

7.1
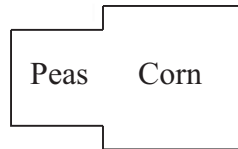
Set 1

1   The diagram shows Melinda's vegetable garden. The peas are in a square region with an area of 25 square feet. The corn is in a square region with an area of 49 square feet. How many feet of fencing enclose Melinda's garden?

Peas   Corn

2   Arrange the whole numbers from one to 15, inclusive, in a row so that the sum of any two adjacent numbers is a perfect square.

Additional Work Area