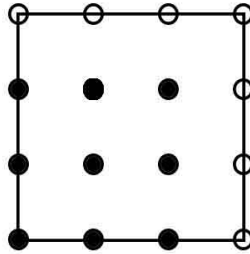## Task: Forest Navigation Rules

Describe the following to the class:

Consider the plots of trees below:
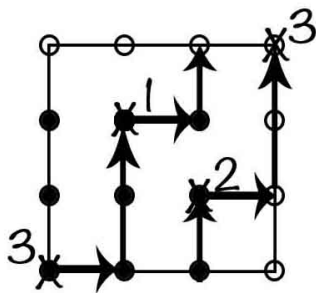

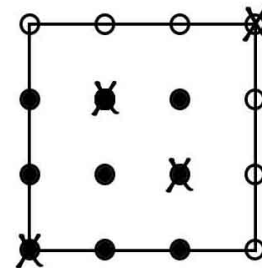Start in the bottom left corner of the plot and mark off trees according to:

$$\text{RULE } (1, 2) = \text{go } 1 \text{ tree right, and } 2 \text{ trees up.}$$

Note: Whenever you reach the top edge, return to the bottom edge the same distance along and continue. Similarly, whenever you reach the right edge, return to the left edge the same height up and continue.

For example, RULE $(1, 2)$ looks like:

which gives

Notice all the corners are the same, so once we get to the top right corner, we're back to the beginning.