Regina's Logo
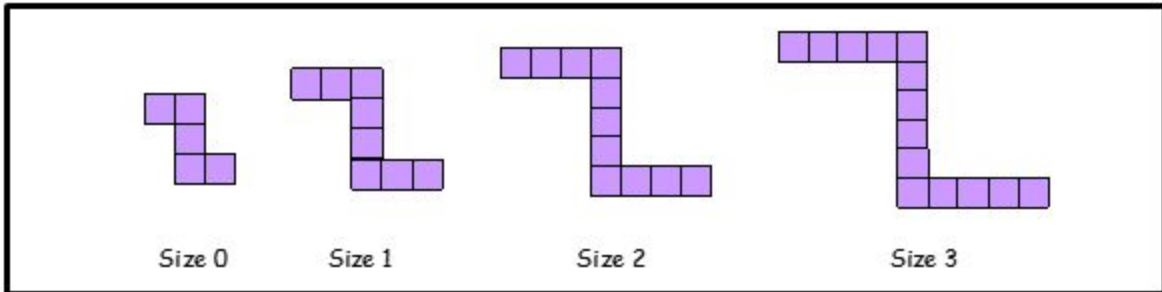
1. Examine the pattern in the logo below. What do you notice? Record as many observations as you can about the pattern shown below?

Size 0   Size 1   Size 2   Size 3

2. What would the nth size look like? Convince me!

3. Generate both an explicit and a recursive function to describe the number of pieces in the logo.
   a. Explicit function:

   b. Recursive function:

4. Connect the recursive rule to the explicit form of the function, explaining meaning of the variables used in your definitions.