Look at the figures below.

 Figure 1 Figure 2 Figure 3

Complete the following sentence:

As the figure number changes, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ also changes.

 Figure 1 Figure 2 Figure 3

1. Draw the next two figures.

Figure 4:

Figure 5:

1. Complete the table to the right.
2. In a few sentences, describe what the tenth figure would look like.
3. Explain how you would figure out the number of squares in the 99th figure.
4. **BONUS QUESTION**: In a few sentences, describe how you would determine how many squares there are in any figure in the pattern.