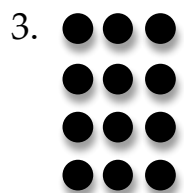
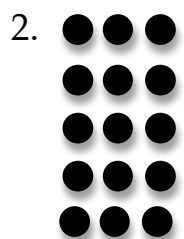
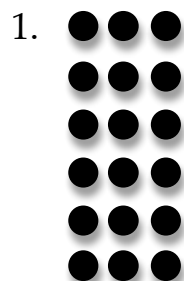




Shrinking Pattern

Study the pattern and then draw figures 4 and 5. Use the information to complete the table at the bottom.



4.

5.

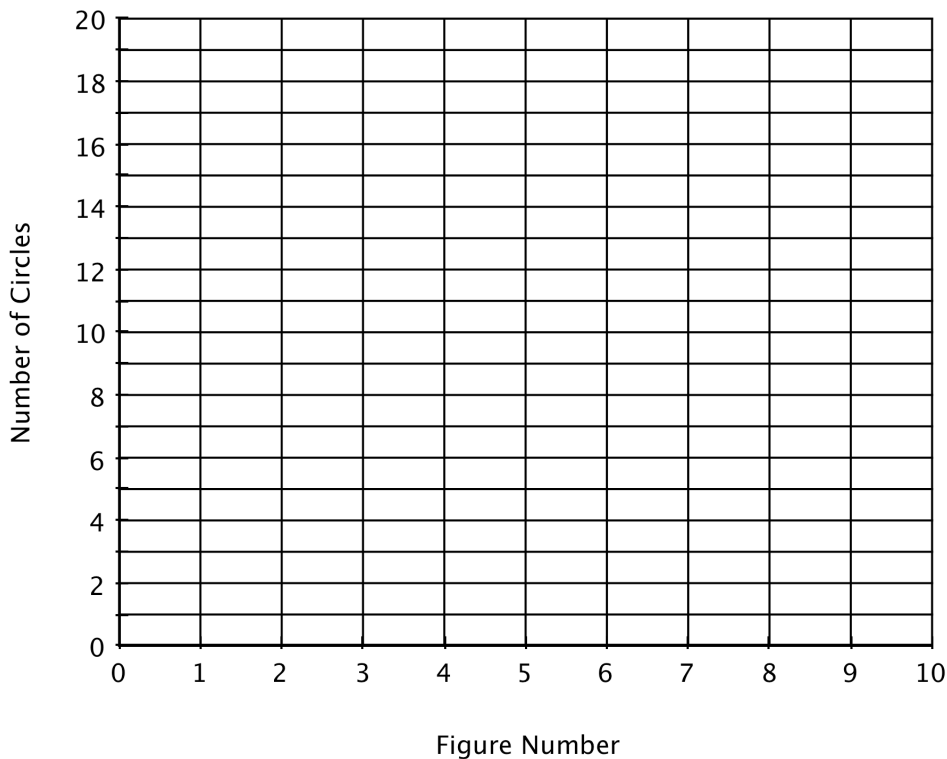
Figure Number	Number of Circles
1	
2	
3	
4	
5	
6	
10	
n	

Analysis Questions

1. How is the pattern changing with each figure number?
2. How is the pattern different than the other patterns you've done so far?
3. What do you expect to be different on the graph?

Graph it!

Using the graph below, graph the coordinates from the tables (as many as fit).



Final Question:

How was the graph different that all the other patterns you have graphed?