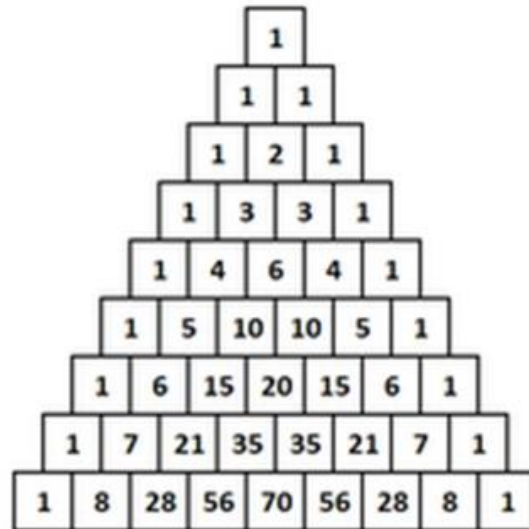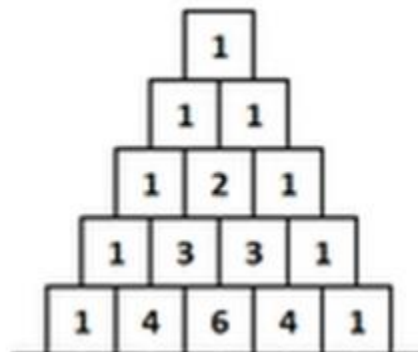# Pascal's Triangle

Pascal's Triangle is fascinating! There so many patterns in the triangle.

1. What patterns do you see? Use colored pencils to shade in patterns that you see.

2. Look at the top of the triangle (below). How did row 3 change in relation to row 2? How can you create the numbers in row 3 using the numbers in row 2? Hint: can you add, subtract, multiply, or divide?

3. What is the relationships between row 3 and 4. What is happening? Can you figure out how to create row 4 using row 3?

4. Now… Create Row 6. If you have questions about how to do this, talk to your instructor.

Row 6 _____ _____ _____ _____ _____ _____