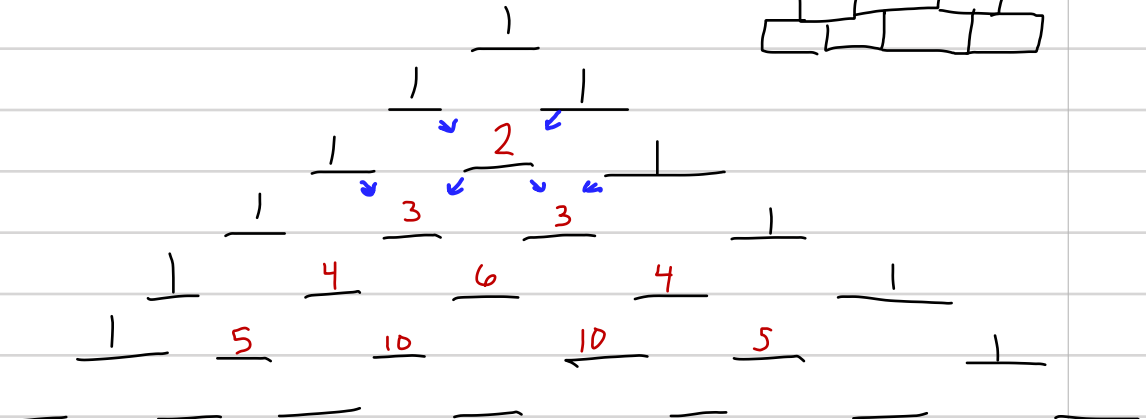
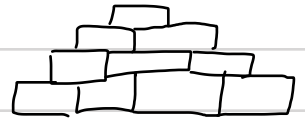


Pascal's Triangle

Pascal's Triangle is a tool that will help us write out the expanded form of $(a+b)^k$ when k is some positive integer (like $(a+b)^2$, $(a+b)^3$, $(a+b)^4$... but we won't have to multiply it all out).

1's all the way down the left and right slopes.

row 0
row 1
row 2
row 3
row 4
row 5
row 6



after the 1's, each number is just the sum of the numbers above it.