1.** Flip six coins, and observe the number of heads showing. Put a tally mark in the corresponding slot on the "frequency table" below. (That is: if you get three heads, put a tally mark in the "3" row of the "Frequency" column, and so on.) Repeat this experiment *many, many more* (at least 200!!) times, tallying your results each time in the table below. **In the table, please mark down not only your tally marks, but also the total tally (count), in each row.

Number of heads	Frequency
0	70
1	407
2	1055
3	1452
4	1103
5	455
6	88

2. On the axes below, draw a histogram depicting the information from exercise 1. PLEASE BE NEAT.

Six coins, flipped 4630 times
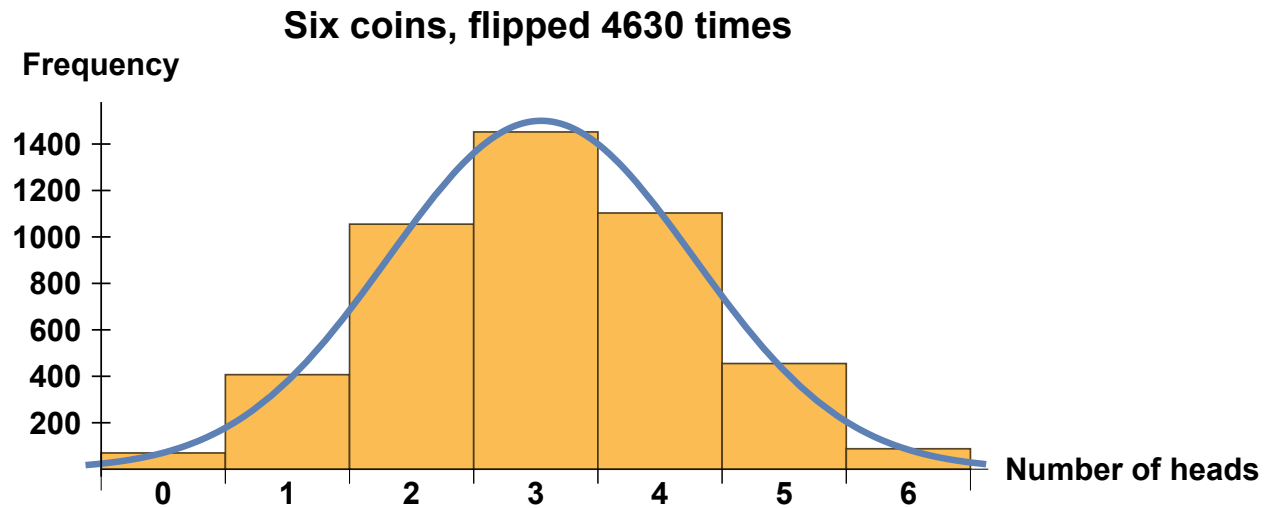
3. Suppose the experiment were to flip 50 coins, instead of 6, at a time. Suppose you were to repeat this experiment thousands of times. Describe, in general terms, what you think the histogram would look like. (About where do you think this histogram would peak? What kind of shape would it have?) The histogram would have a bell shape, with a peak at around 25.