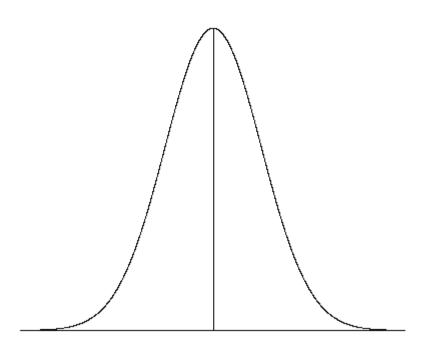
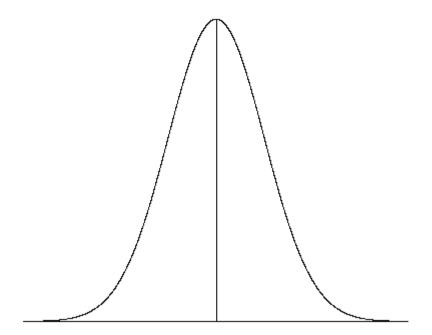
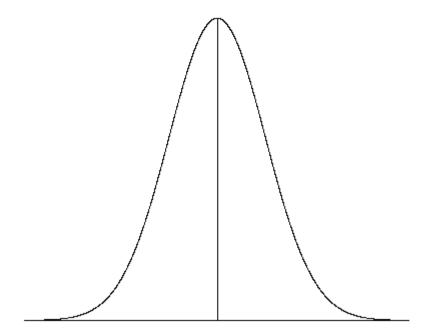
## INTRODUCTION TO THE NORMAL CURVE



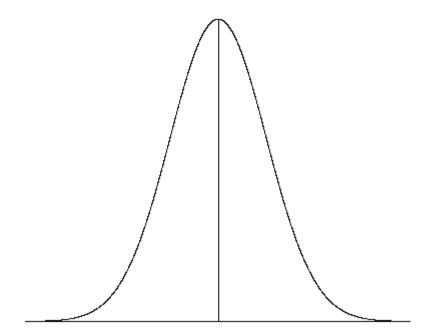
Many things in this world are distributed in such a way that the peak frequency is in the middle and our frequencies get lower as we go to the extremes in either direction.



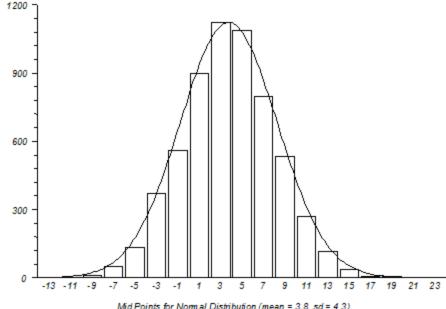
This results in a symmetrical bell shaped curve that we call the *normal curve* or *normal distribution*.



Later on, we will give a more precise definition of what a normal curve is.



## But for now, if we have any distribution that is symmetrical and bell shaped, then we will consider it normal.



Histogram for Normal Distribution (mean = 3.8, sd = 4.3)

Mid Points for Normal Distribution (mean = 3.8, sd = 4.3)