TASK 5: Creating the learning function: Given that the winning weight vector is scaled to be more like the sample vector. The neighboring weight vectors are also affected; whereas the further away the neighbors are the less they will learn and over time the neighbors of the winning weight vector will be less and less affected. A common technique for the decreasing rate of change for each weight vector, is to use the gaussian function.

TASK 5 Demo Outline: "Creating the learning function"
1. Create a method that calculates the scaling factor that the learning of a given weight vector decreases by