

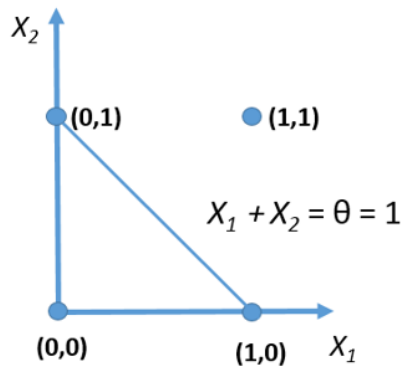
Name:

Date:

Class:

Lesson Summary Assessment Answer Key

- The Perceptron model uses _____ to compare against a threshold value.
 - A weighted sum
 - A weighted average
 - The median
 - The mode
- If the value of input x_1 is more important than the input of x_2 , its weight will be _____ **greater** _____ compared to the weight of x_2 .
- Linear Separable means:
 - A set of points can be modeled using a linear function.
 - A line cannot separate two sets of points
 - Two sets of points can be separated by a single line**
 - It takes two separate lines to separate groups of points
- In this picture below, the threshold value is = 1.



- Is the function illustrated in the picture above linear separable? **Yes**
- In the Perceptron model, what controls the amount of adjustment made between trials?
 - The bias
 - The learning rate**
 - The error
 - The weights