

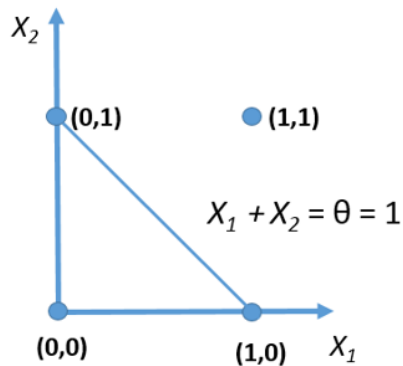
Name:

Date:

Class:

Lesson Summary Assessment

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



5. Is the function illustrated in the picture above linear separable?
6. In the Perceptron model, what controls the amount of adjustment made between trials?
 - a. The bias
 - b. The learning rate
 - c. The error
 - d. The weights