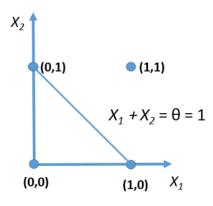
Date:

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

Name:

- 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

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