Name:

NetID:

1.) What is the difference between gradient descent and backpropagation?

Gradient descent is the iterative method via which we find a set of parameters that minimizes our loss surction.

Bodeprop is an application of the chain rule to find godients in a NN

2.) Give an example of an activation function and explain where and why we want to use activation functions in a neural network.

The signoid activation direction — lite-2

We use these between layers to infroduce

Non-linearity into the refuseth Activation

Functions like signoid or softmax also

Lelp us in tasks like classification.