

## Practice quiz: Activation Functions

Graded Quiz • 30 min

Due Feb 5, 11:59 PM EET

Item Navigation

✓ Congratulations! You passed!

Grade received 100%

## Practice quiz: Activation Functions

Quiz • 30 min To pass 80% or higher

Go to next item

✓ Submit your assignment

Due Feb 5, 11:59 PM EET

Try again

1.

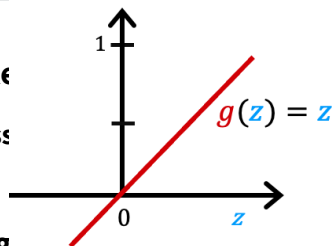
### Examples of Activation Functions

1 / 1 point

Ren

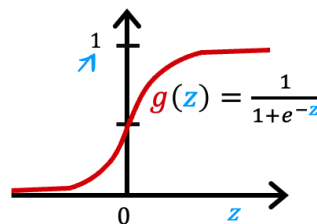
"No activation function"

Linear activation function

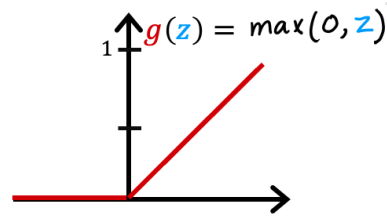


$$a_2^{[1]} = g(\underbrace{w_2^{[1]} \cdot \vec{x} + b_2^{[1]}}_z)$$

Sigmoid



ReLU Rectified Linear Unit



✓ Re

To Pass

Your g

100%

Which of the following activation functions is the most common choice for the hidden layers of a neural network?

View Feedback

We keep your highest score

☒ ReLU (rectified linear unit)



Like



Dislike



Report an issue



Linear



Most hidden layers do not use any activation function



Correct

Yes! A ReLU is most often used because it is faster to train compared to the sigmoid. This is because the ReLU is only flat on one side (the left side)

