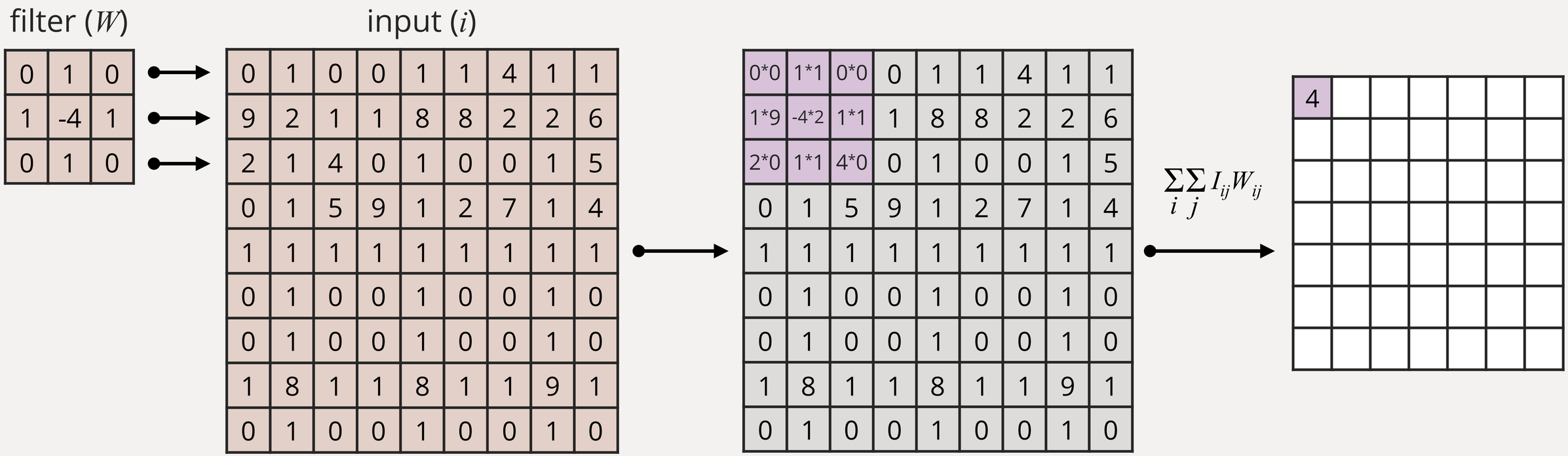
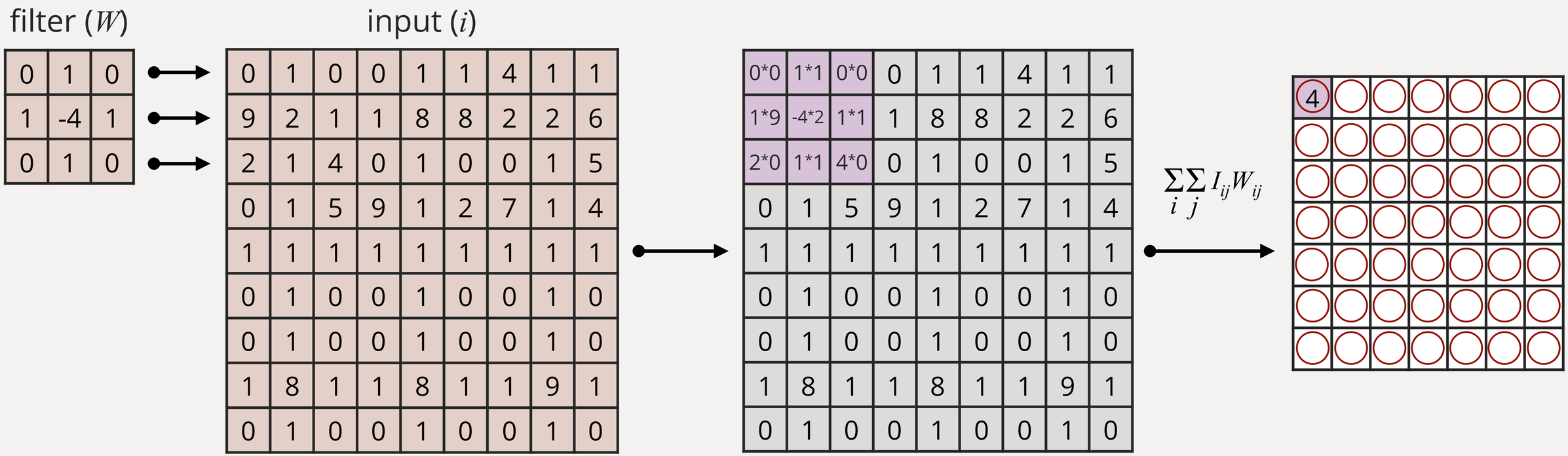
Activation Functions

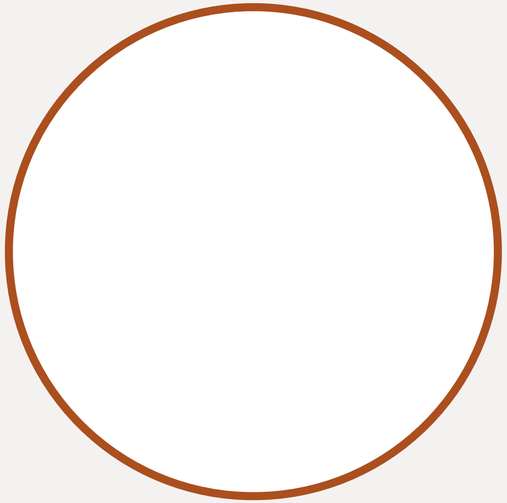
Activation Functions



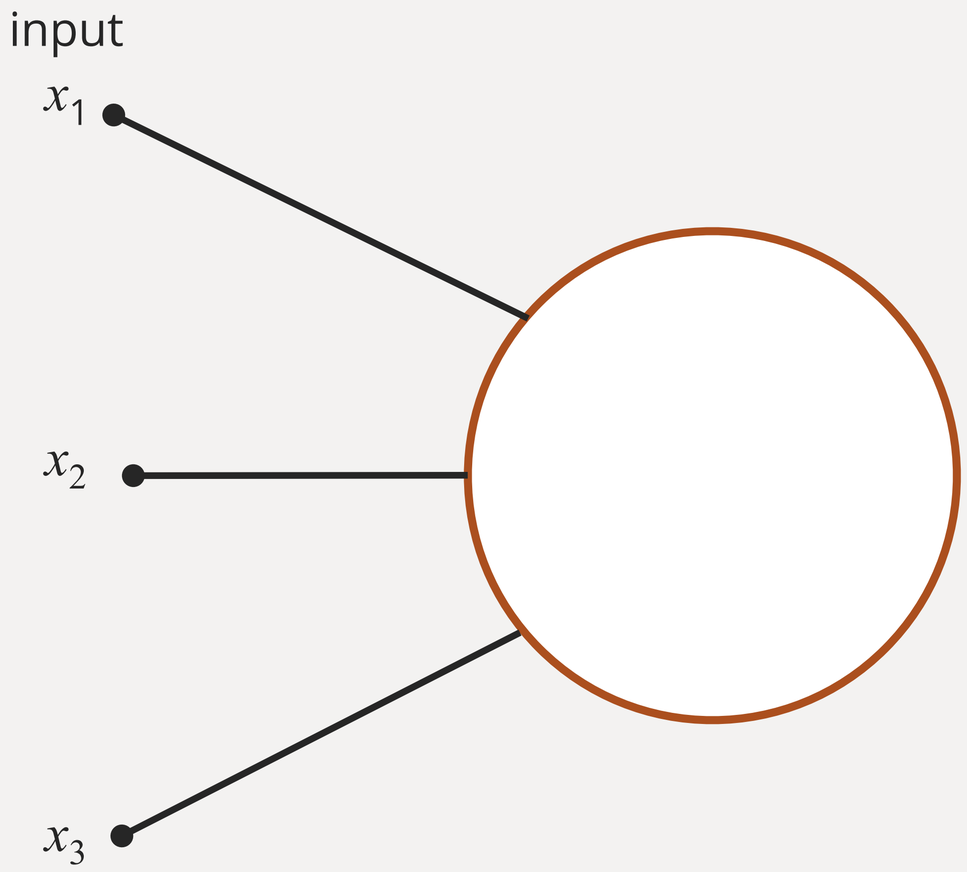
Activation Functions



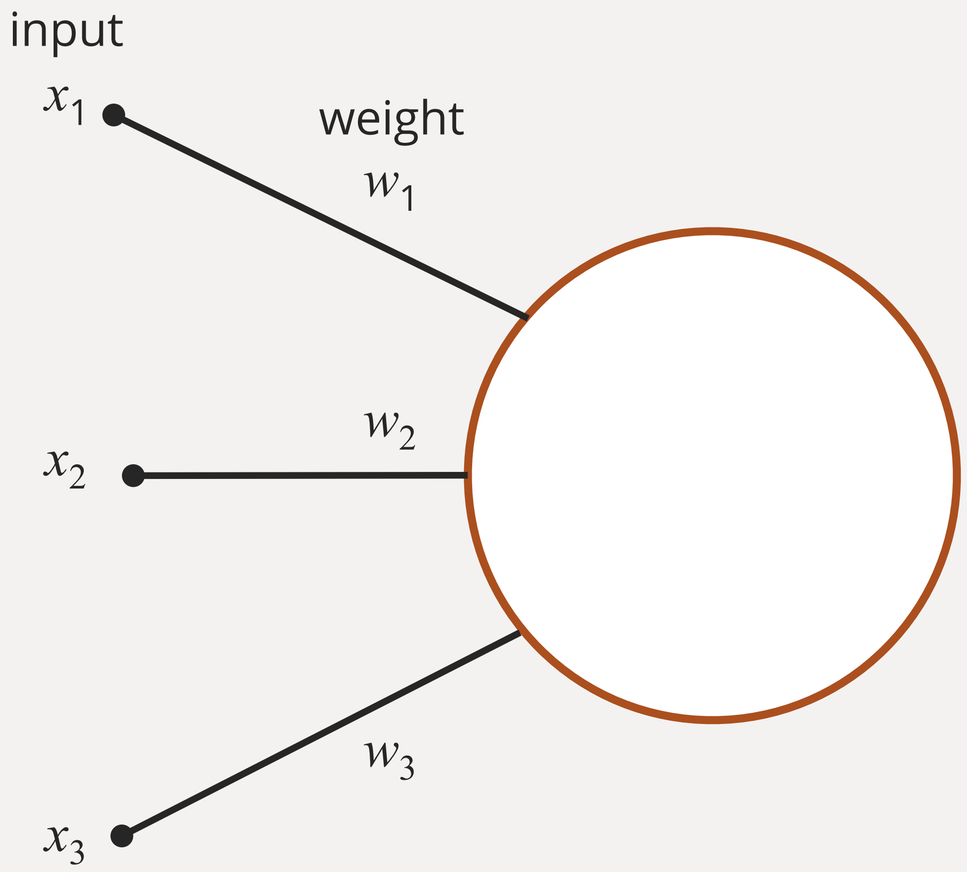
Activation Functions



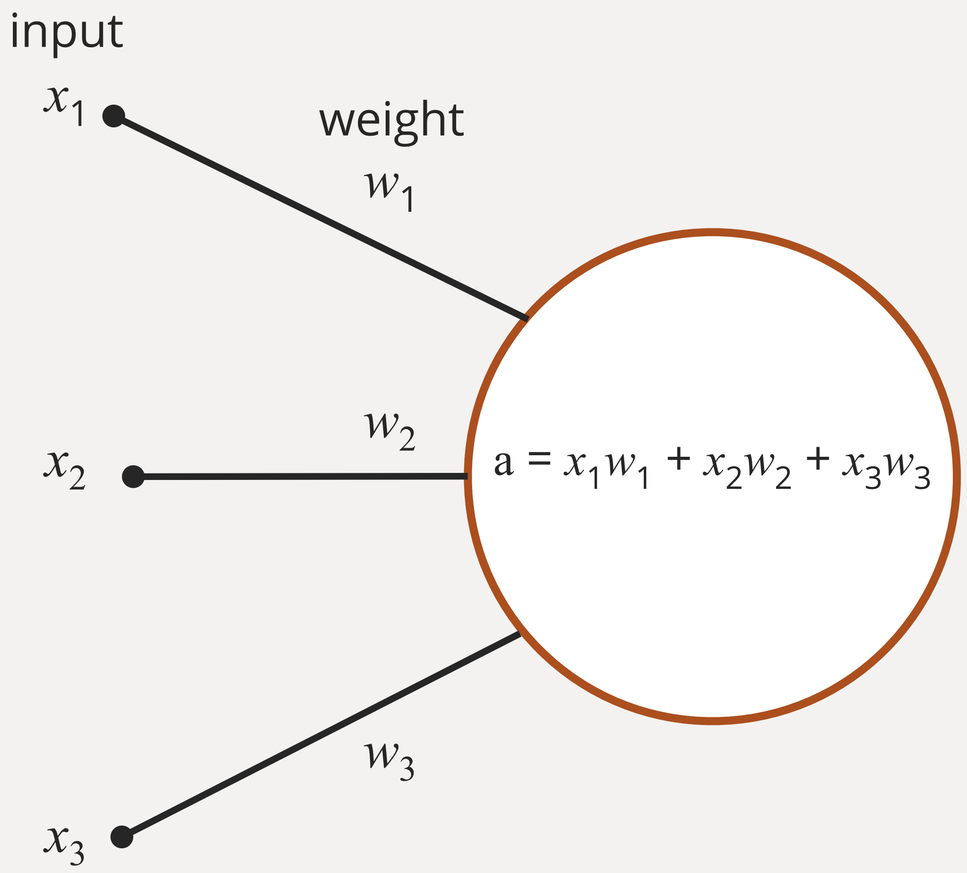
Activation Functions



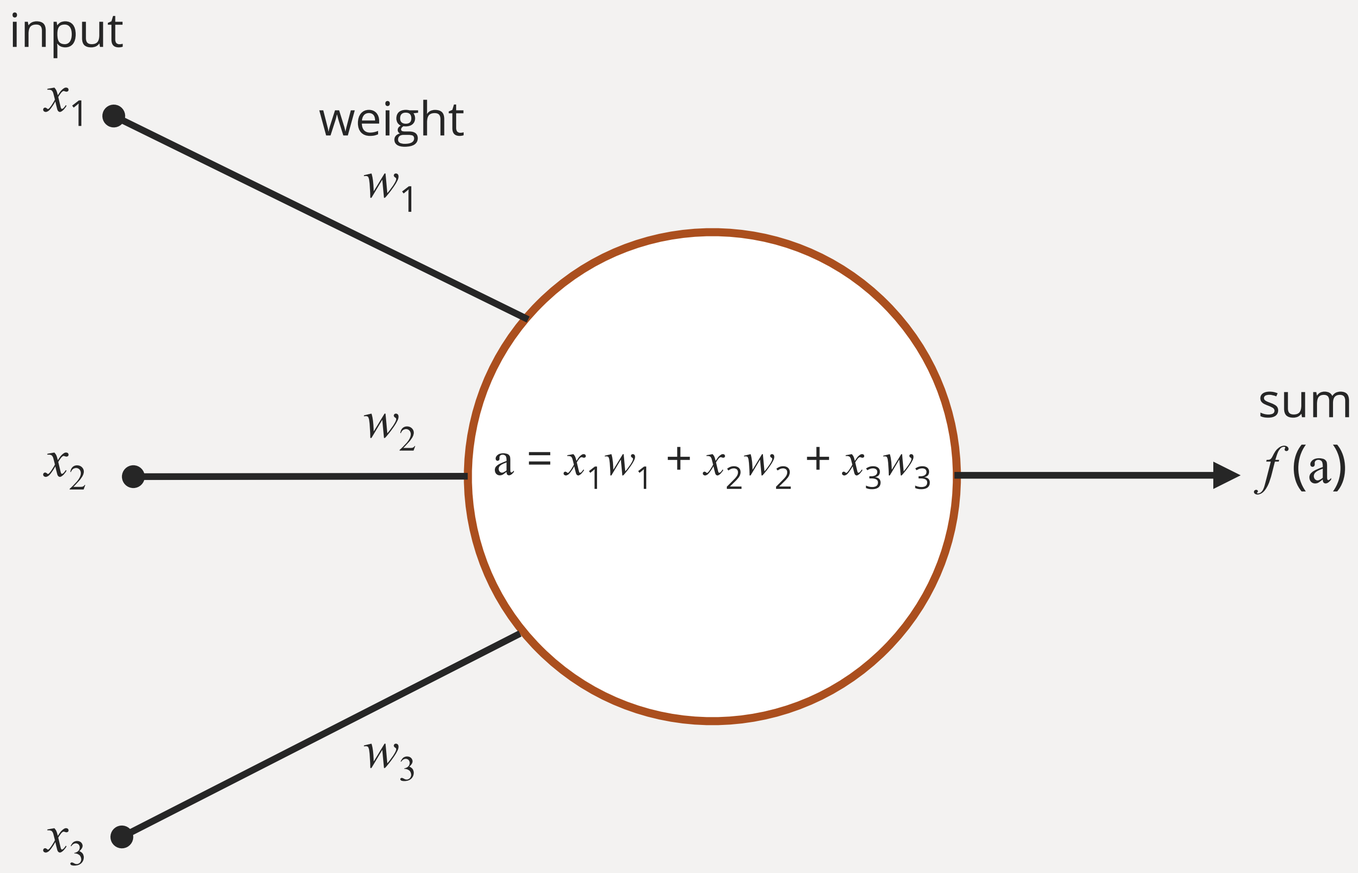
Activation Functions



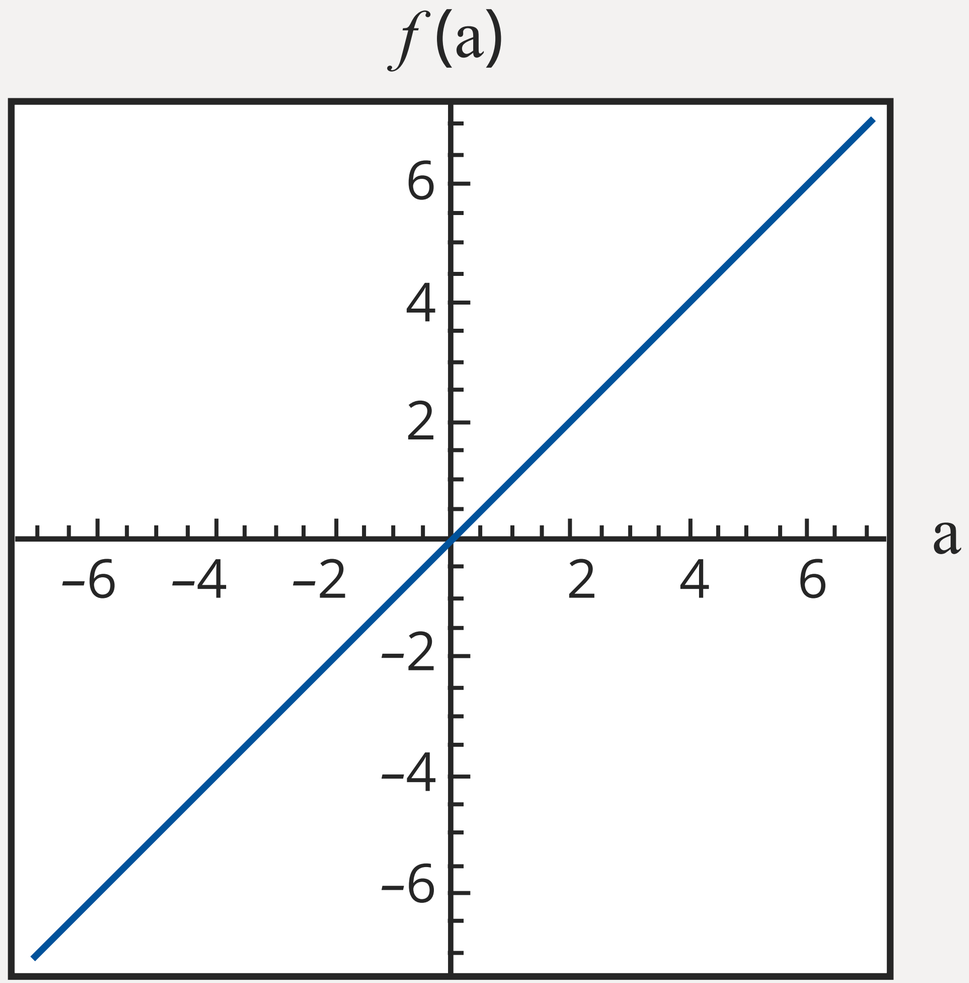
Activation Functions



Activation Functions

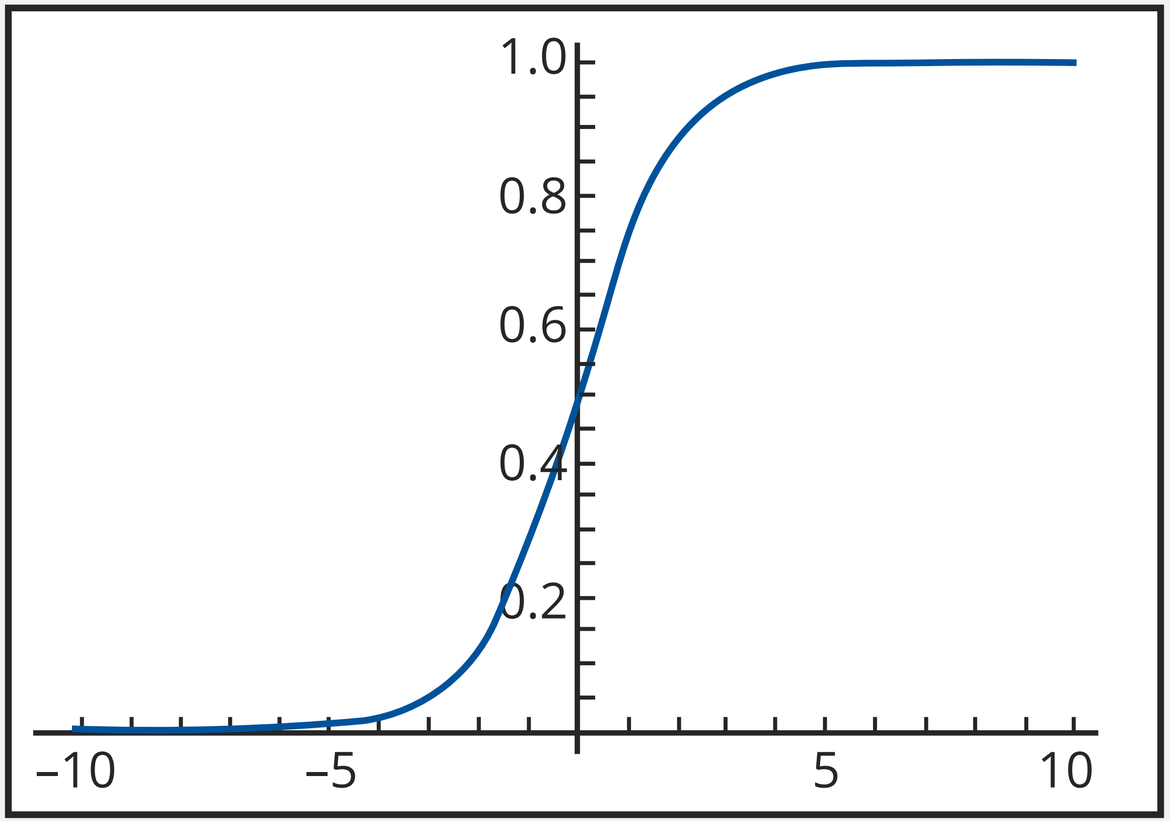


Linear Activation

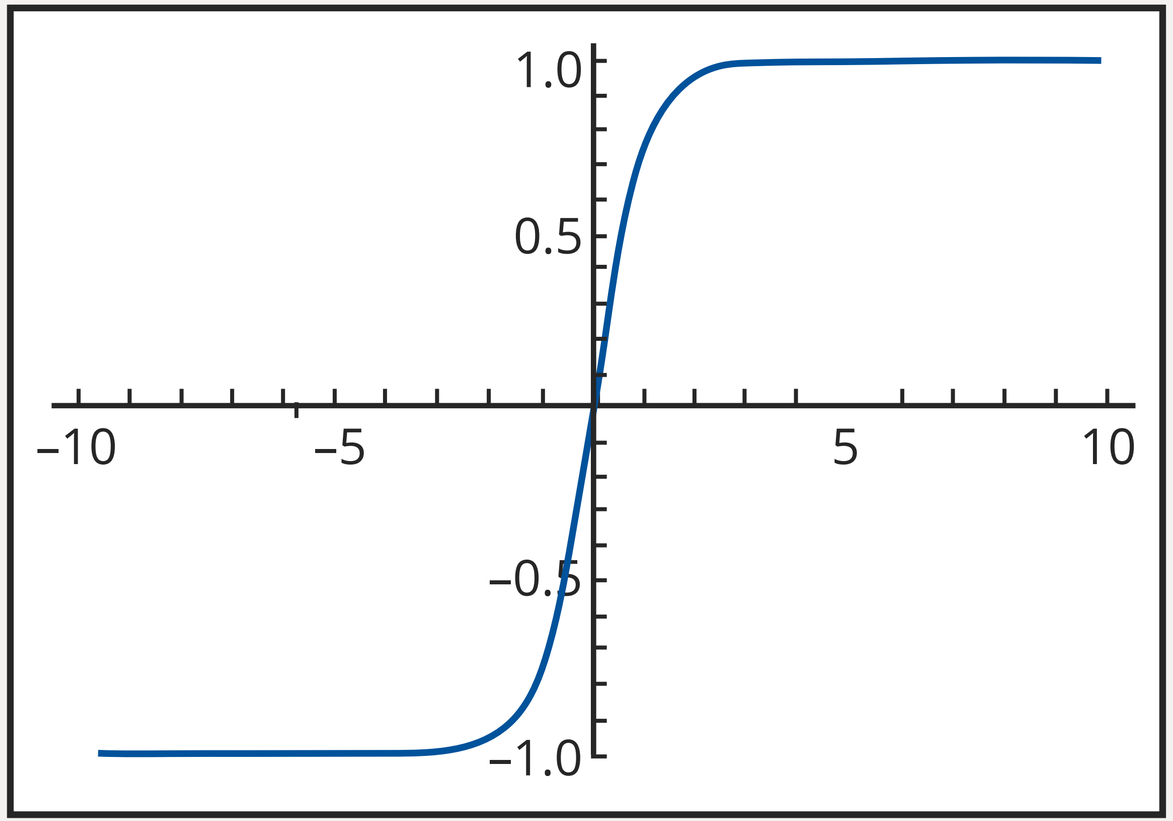


Non-Linear Activation

$f(a) = \sigma(a)$



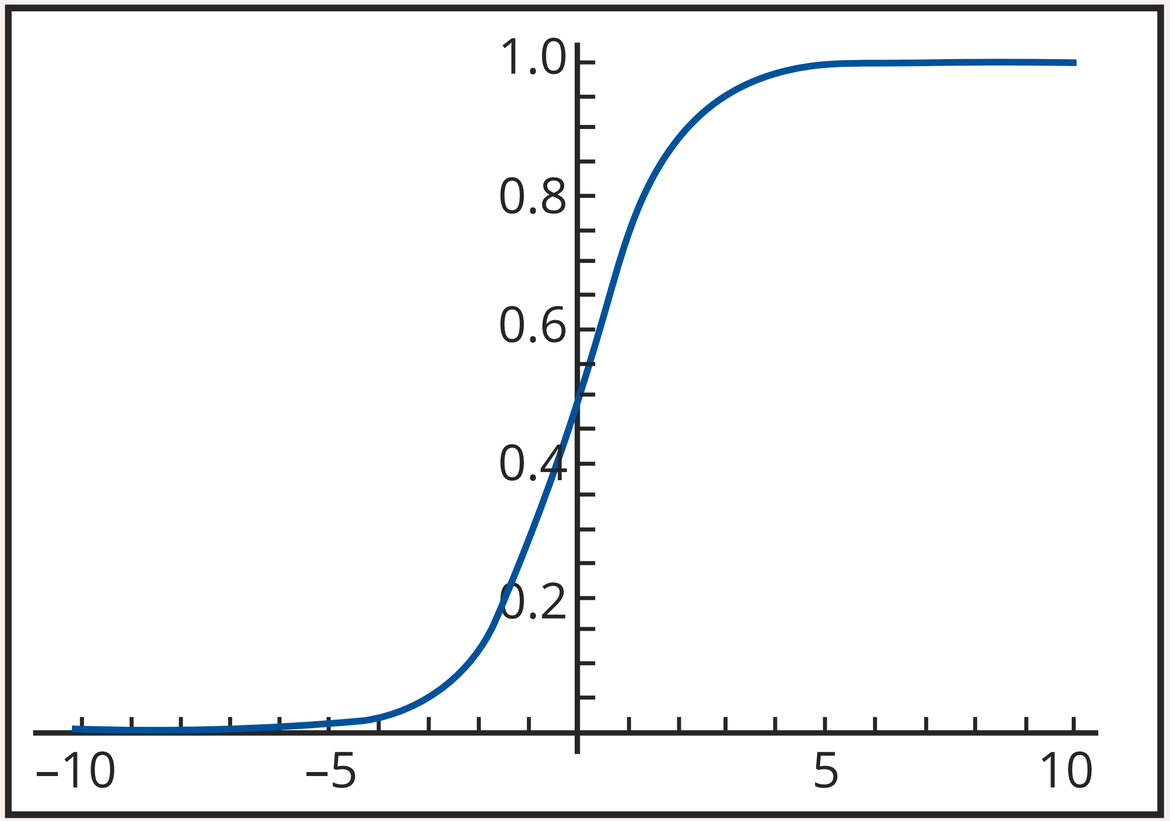
$f(a) = \tanh(a)$



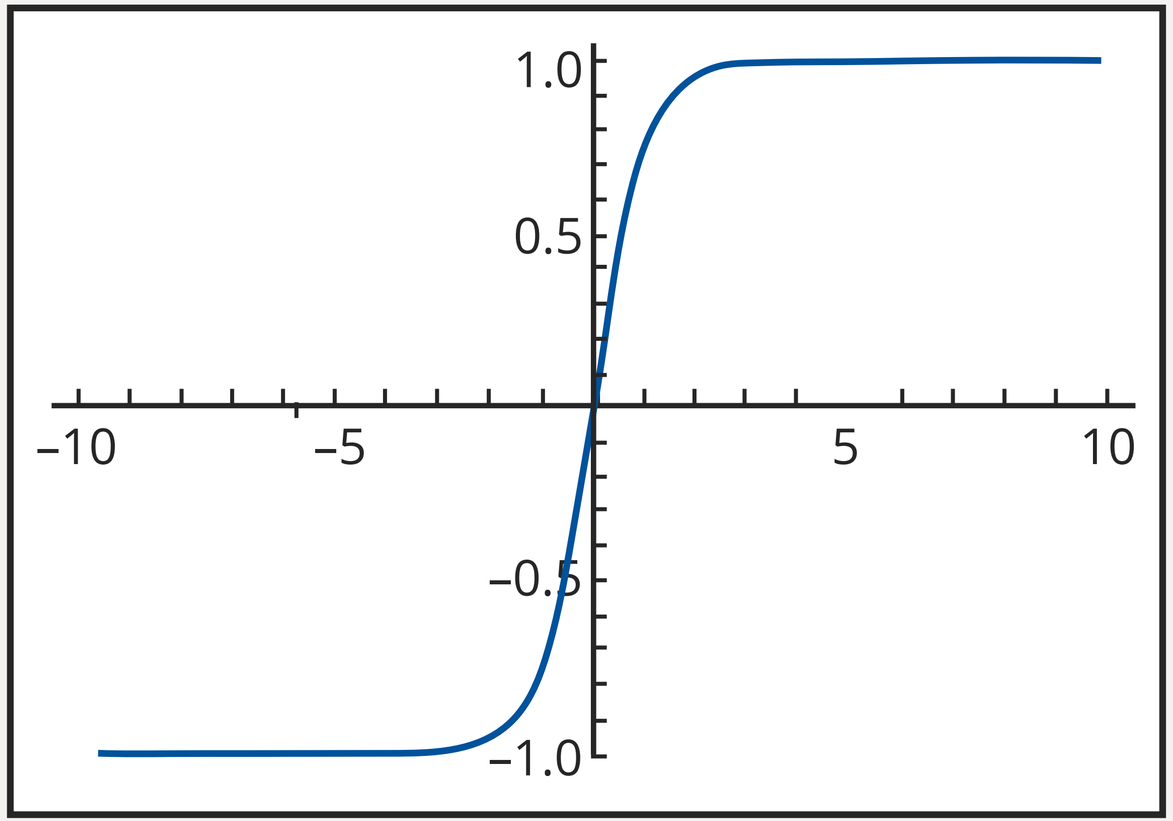
Non-linear activations increase the functional capacity of the neural network

Non-Linear Activation

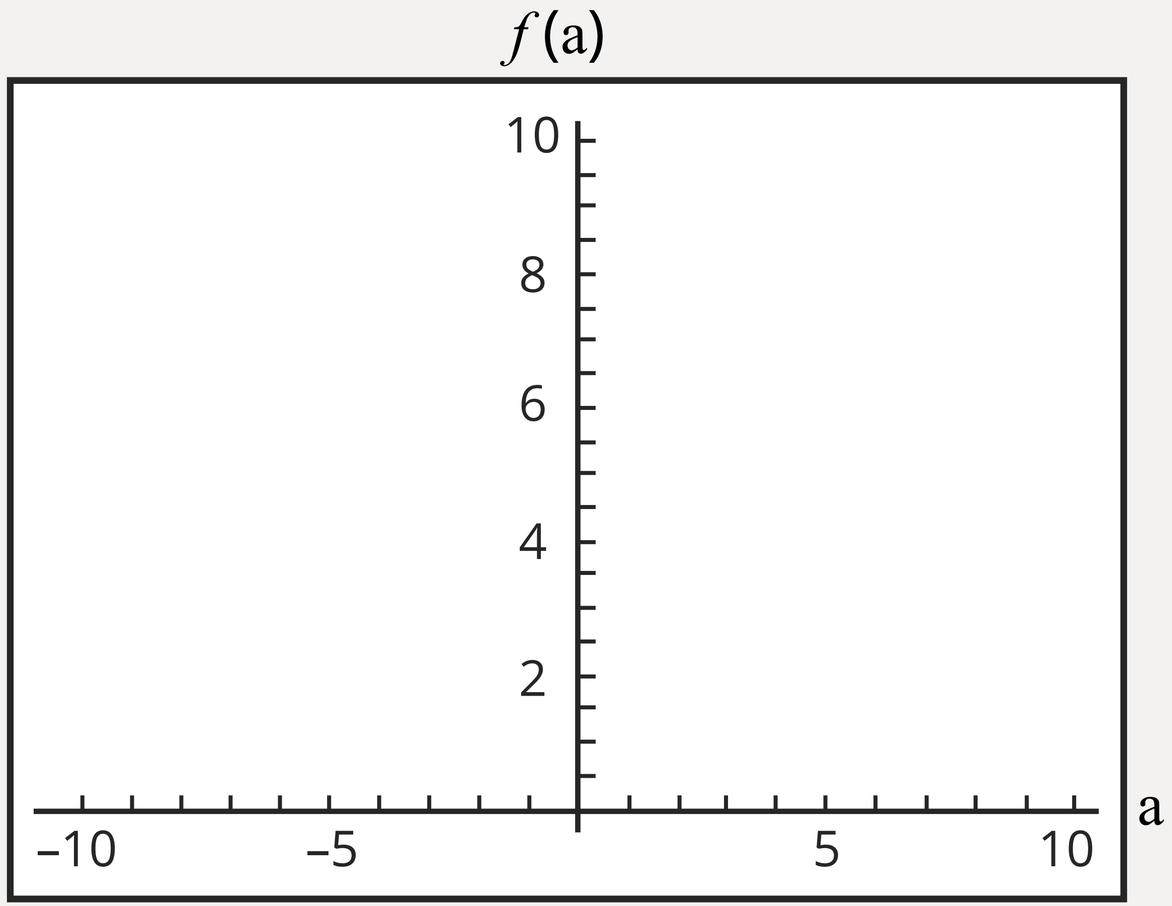
$f(a) = \sigma(a)$



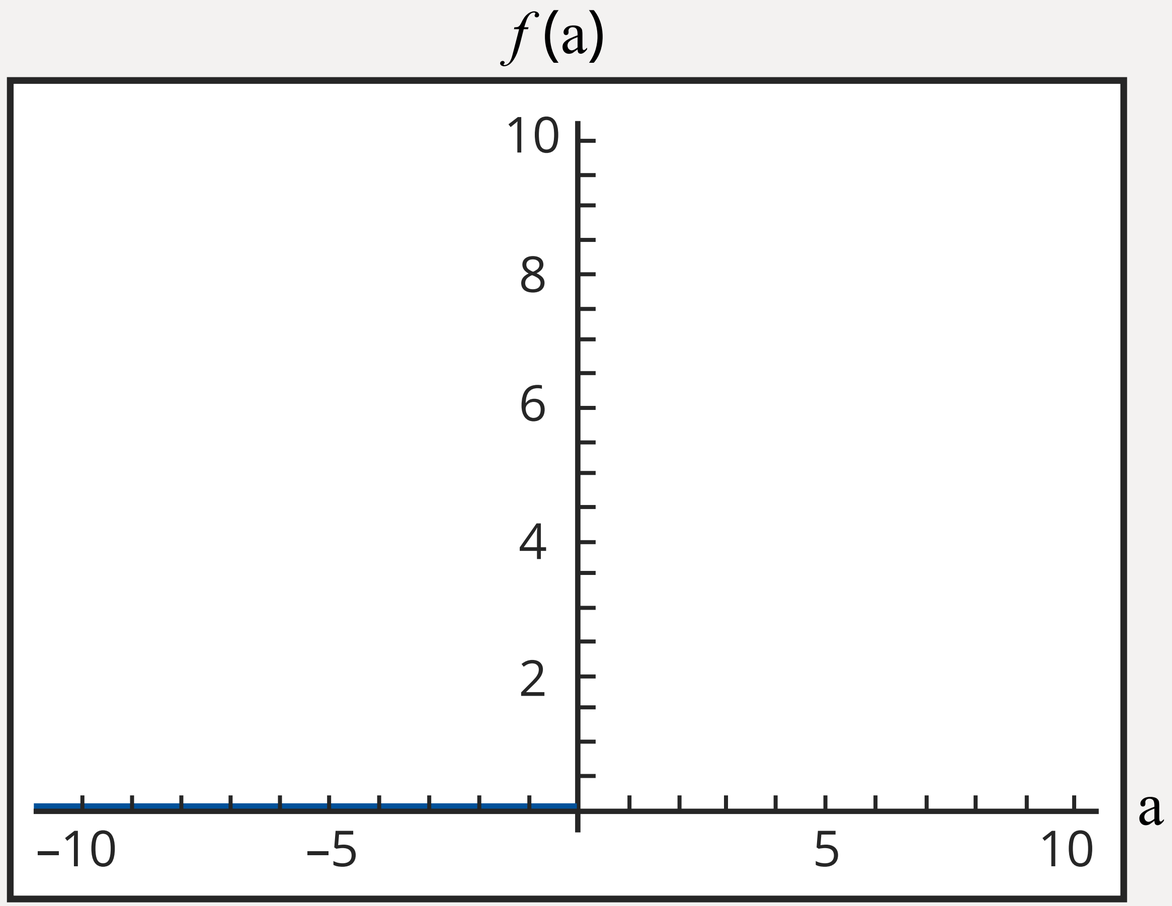
$f(a) = \tanh(a)$



Non-Linear Activation: Rectified Linear Unit (ReLU)



Non-Linear Activation: Rectified Linear Unit (ReLU)



Non-Linear Activation: Rectified Linear Unit (ReLU)