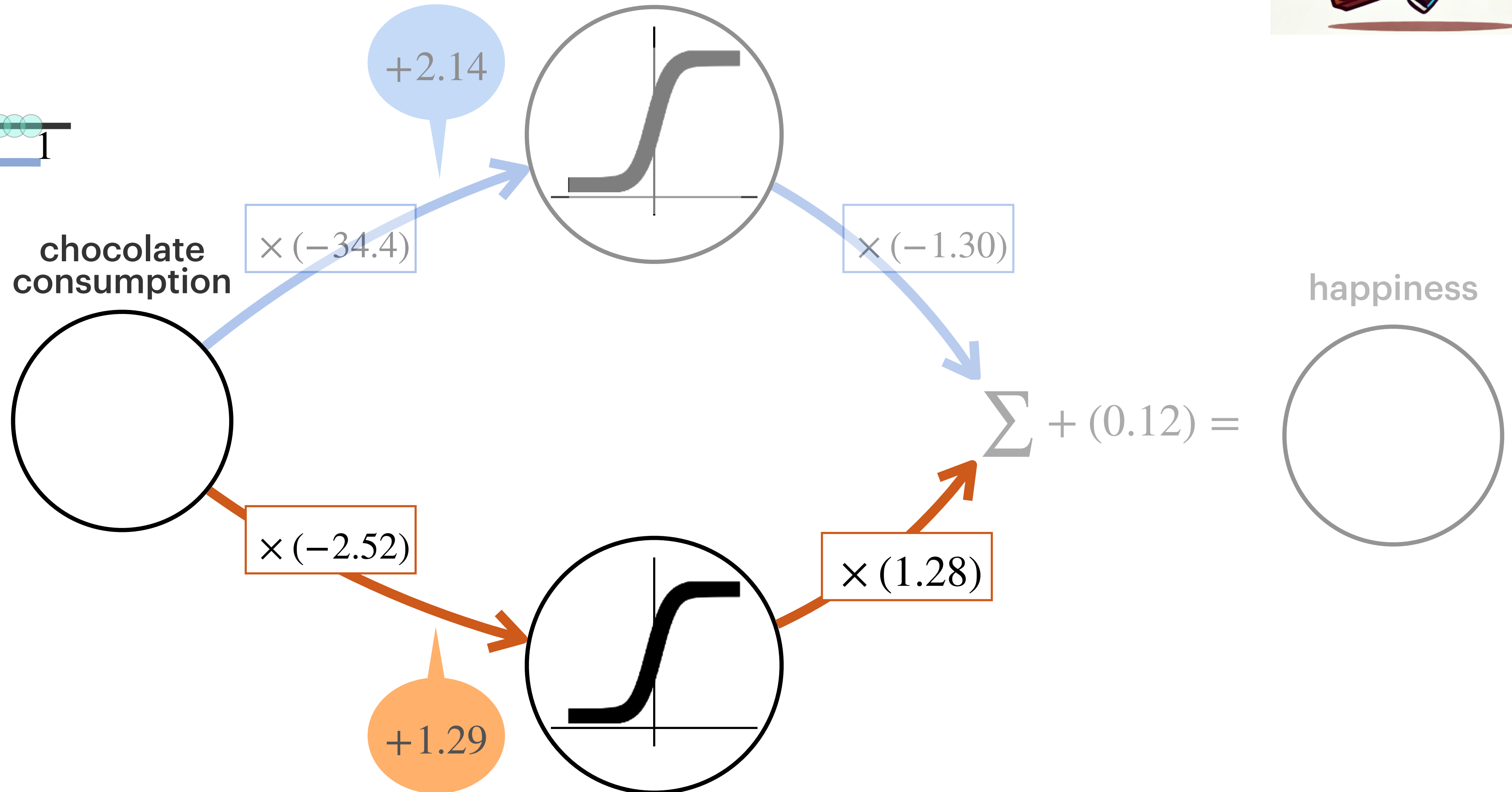
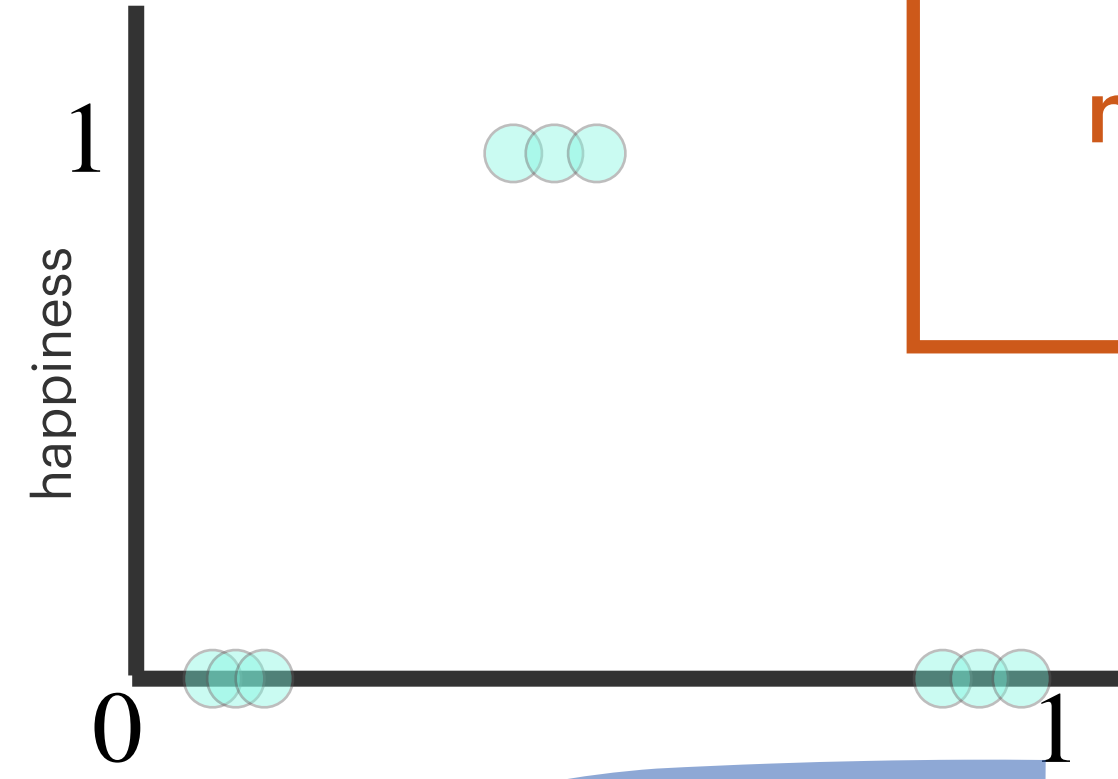


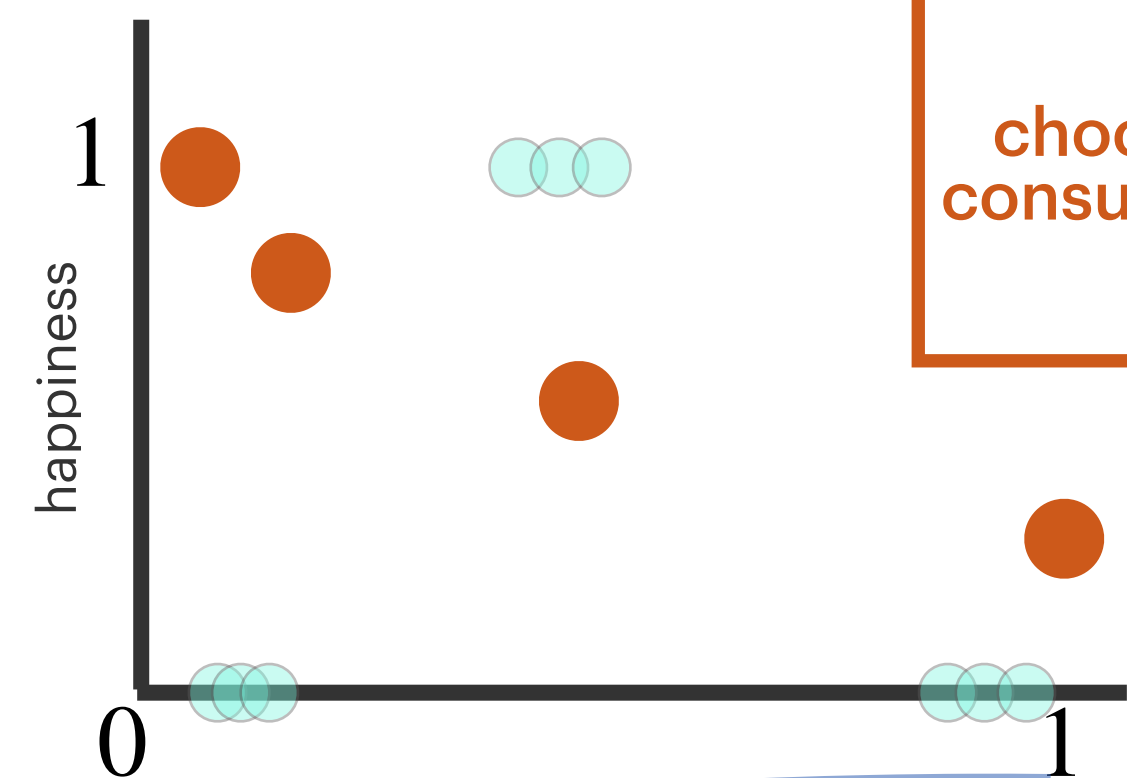
# How Do Neural Networks Work?



now given input, we focus on the bottom node in the hidden layer and do the same steps...



# How Do Neural Networks Work?



chocolate consumption  $\times (-2.52) + 1.29 =$  x-axis coordinate of activation function  $\rightarrow$  plug into sigmoid function for y coordinates

$$f(x) = \frac{e^x}{e^x + 1}$$

