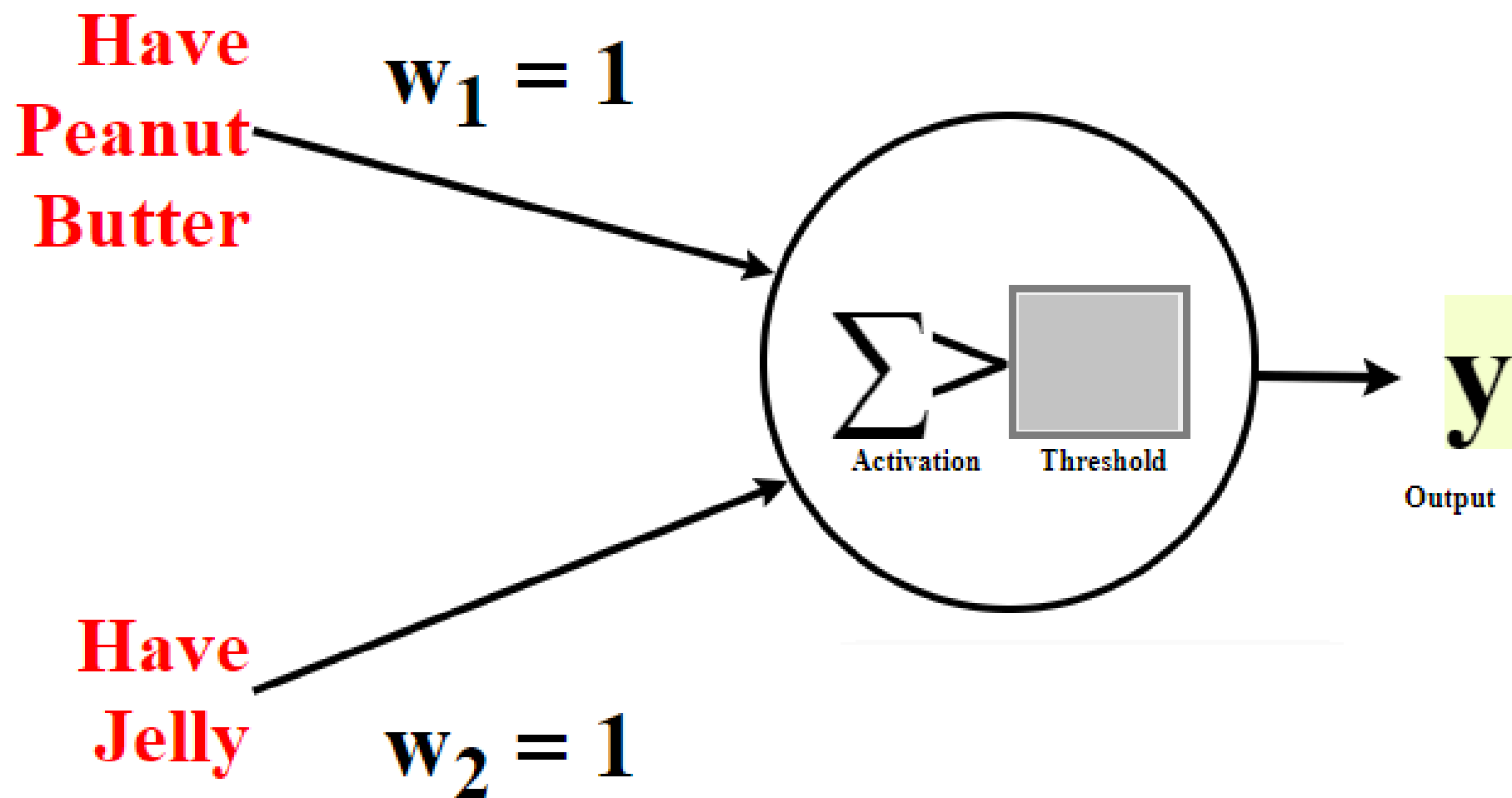


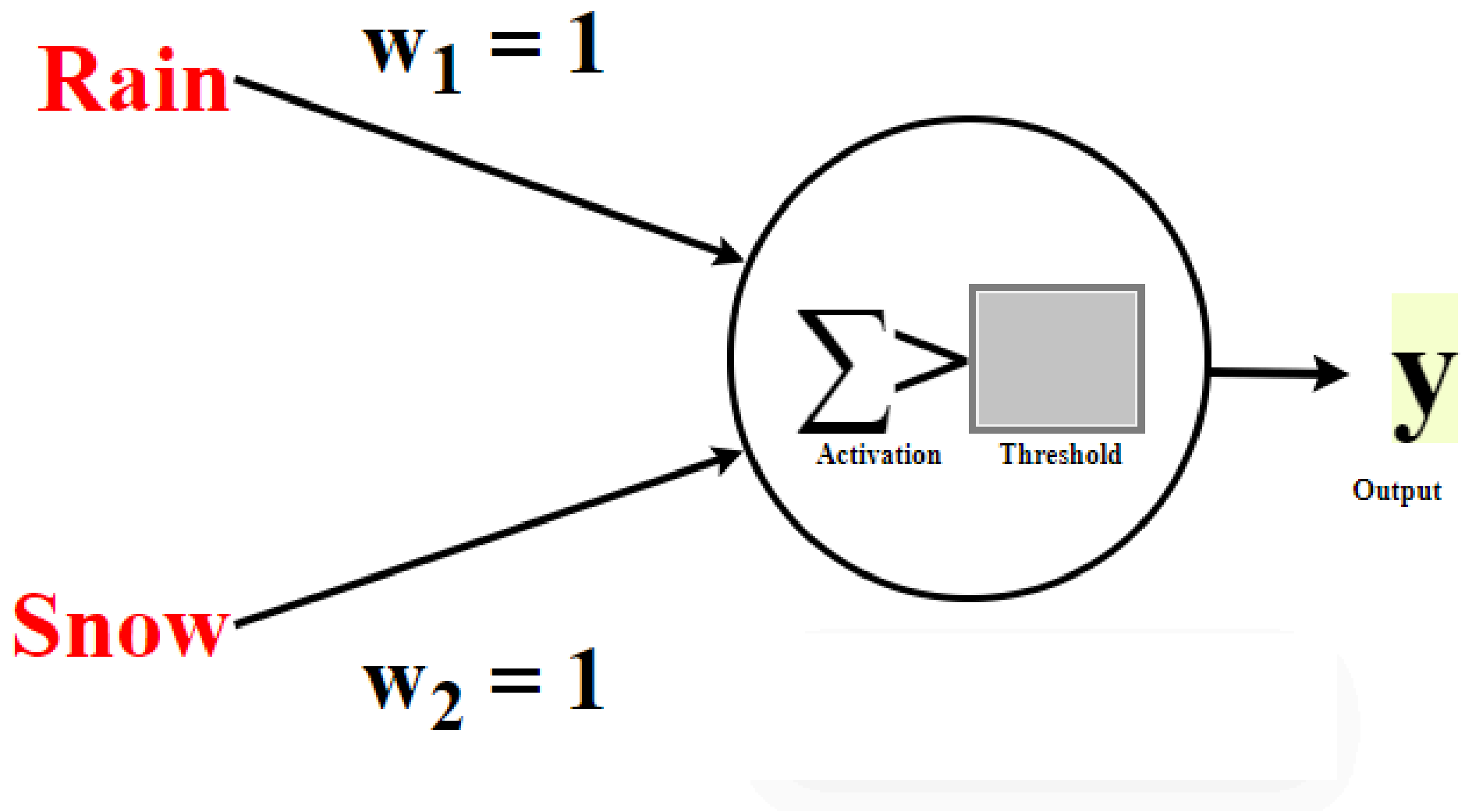
Can I make a peanut butter and jelly sandwich? I need both peanut butter and jelly.

INPUTS		Compute weighted input 1:	Compute weighted input 2:	Activation:	Do we want the activation to be greater than the threshold?  <i>This answer should be based on the <u>desired output</u>.</i>	Determine the threshold:  <i>What decimal number is greater than your Ns but less than your Ys?</i>	Is activation greater than threshold?  <i>If the answer doesn't match the 1 or 0 in the <u>desired output</u>, change your threshold</i>	Desired Output
Input <sub>1</sub>  0 - Don't have 1 - Have	Input <sub>2</sub>  0 - Don't have 1 - Have	W <sub>1</sub> = 1 Input <sub>1</sub> x W <sub>1</sub> = __	W <sub>2</sub> = 1 Input <sub>2</sub> x W <sub>2</sub> = __	Sum of weighted Inputs 1 & 2	(Y or N)	Threshold	Activation > Threshold  Write 0 for no and 1 for yes.	0 - no 1 - yes
0	0	<u>0</u> x 1 = 0	<u>0</u> x 1 = 0					
0	1	__ x 1 = __	__ x 1 = __					
1	0							
1	1							
		B	C	D	E	F	A	



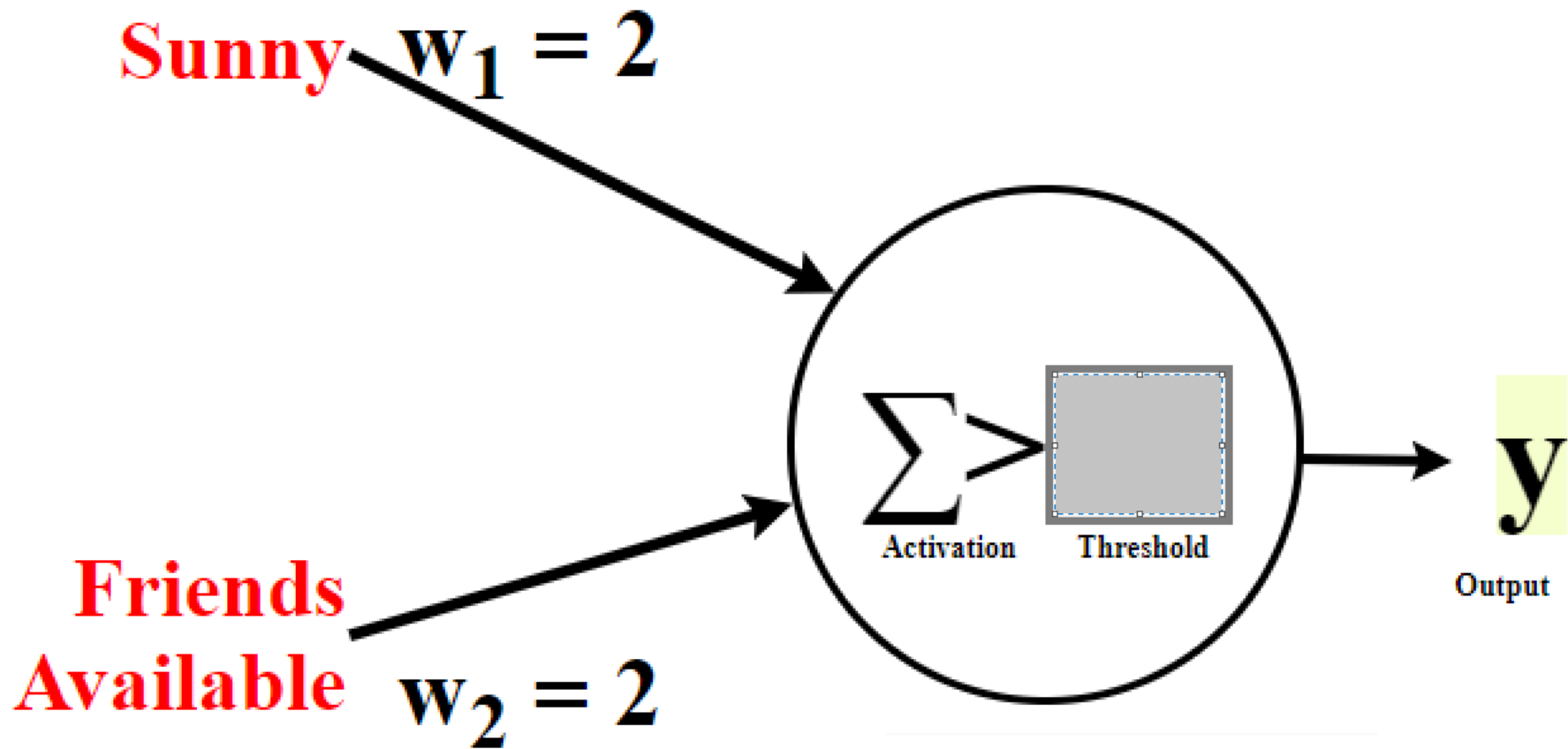
Should I wear boots today? I should wear boots when it is either raining or snowing.

INPUTS		Compute weighted input 1:	Compute weighted input 2:	Activation:	Do we want the activation to be greater than the threshold?  <i>This answer should be based on the <u>desired output</u>.</i>	Determine the threshold:  <i>What decimal number is greater than your Ns but less than your Ys?</i>	Is activation greater than threshold?  <i>If the answer doesn't match the 1 or 0 in the <u>desired output</u>, change your threshold</i>	Desired Output
Input <sub>1</sub>  0 - Not raining 1 - Raining	Input <sub>2</sub>  0 - Not snowing 1 - Snowing	W <sub>1</sub> = 1 Input <sub>1</sub> x W <sub>1</sub> = __	W <sub>2</sub> = 1 Input <sub>2</sub> x W <sub>2</sub> = __	Sum of weighted Inputs 1 & 2	(Y or N)	Threshold	Activation > Threshold  Write 0 for no and 1 for yes.	0 - no 1 - yes
0	0	_0_ x 1 =	_0_ x 1 =					
0	1	__ x 1 =__	__ x 1 = __					
1	0							
1	1							
		B	C	D	E	F	A	



John is planning a picnic with his friends. He wonders if today is a good day for a picnic. It is a good day for a picnic if it is sunny outside and if his friends are available today.

INPUTS		Compute weighted input 1:	Compute weighted input 2:	Activation:	Do we want the activation to be greater than the threshold?  <i>This answer should be based on the <u>desired output</u>.</i>	Determine the threshold:  <i>What decimal number is greater than your Ns but less than your Ys?</i>	Is activation greater than threshold?  <i>If the answer doesn't match the 1 or 0 in the <u>desired output</u>, change your threshold</i>	Desired Output
Input <sub>1</sub>  0 - Not Sunny 1 - Sunny	Input <sub>2</sub>  0 - Friends not available 1 - Friends available	W <sub>1</sub> = 2 Input <sub>1</sub> x W <sub>1</sub> = __	W <sub>2</sub> = 2 Input <sub>2</sub> x W <sub>2</sub> = __	Sum of weighted Inputs 1 & 2	(Y or N)	Threshold	Activation > Threshold  Write 0 for no and 1 for yes.	0 - no 1 - yes
0	0	_0_ x 2 =	_0_ x 2 =					
0	1	__ x 2 = __	__ x 2 = __					
1	0							
1	1							
		B	C	D	E	F	A	



Should I play outside? I would play outside either if I need exercise or if it's sunny.

INPUTS		Compute weighted input 1:	Compute weighted input 2:	Activation:	Do we want the activation to be greater than the threshold?  <i>This answer should be based on the <u>desired output</u>.</i>	Determine the threshold:  <i>What decimal number is greater than your Ns but less than your Ys?</i>	Is activation greater than threshold?  <i>If the answer doesn't match the 1 or 0 in the <u>desired output</u>, change your threshold</i>	Desired Output
Input <sub>1</sub>  0 - Don't Need Exercise 1 - Need Exercise	Input <sub>2</sub>  0 - Not Sunny 1 - Is sunny	<b>W<sub>1</sub> = ?</b> Input <sub>1</sub> x W <sub>1</sub> = __	W <sub>2</sub> = 1 Input <sub>2</sub> x W <sub>2</sub> = __	Sum of weighted Inputs 1 & 2	(Y or N)	Threshold	Activation > Threshold  Write 0 for no and 1 for yes.	0 - no 1 - yes
0	0	_0_ x ??? =	_0_ x 1 =			0.5		
0	1	___ x ?? = __	___ x 1 = __					
1	0							
1	1							
		B		C	D	E	F	A

