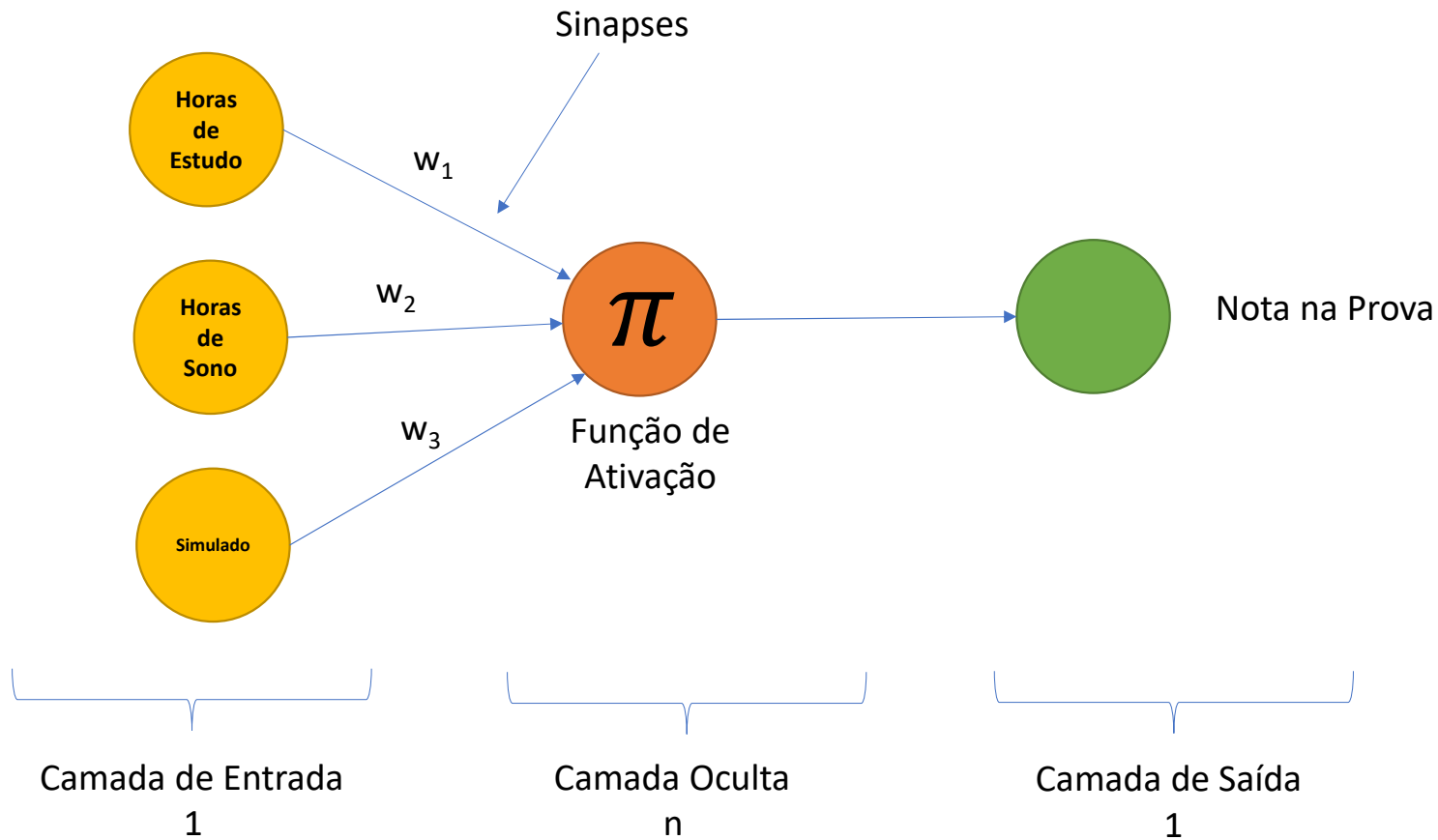
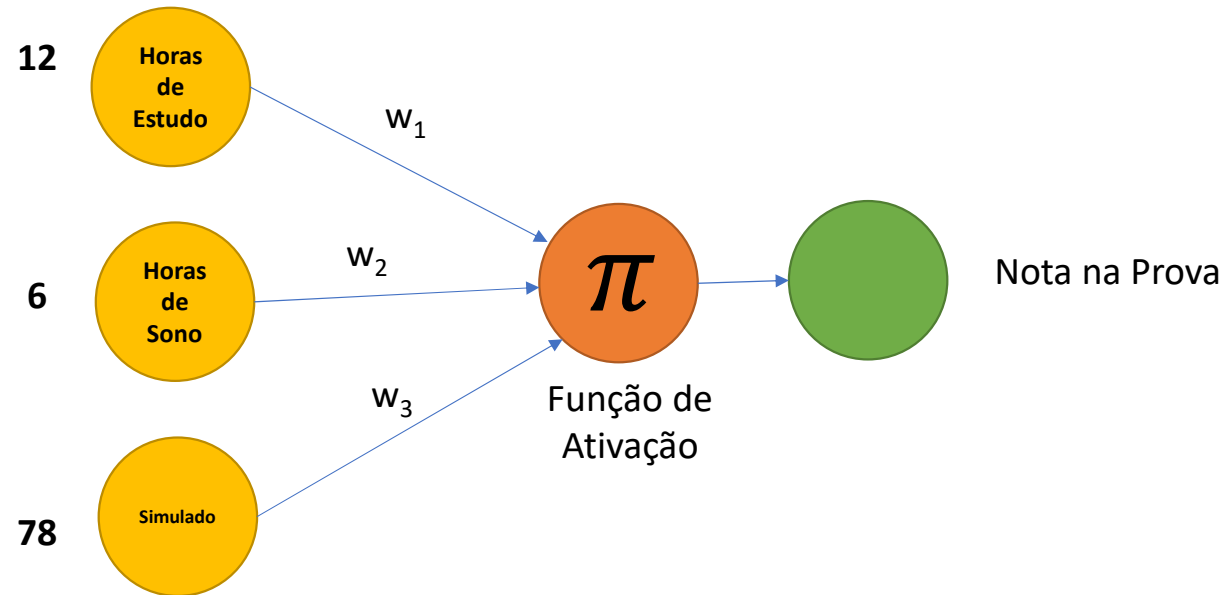


# Rede Neural Artificial - Componentes



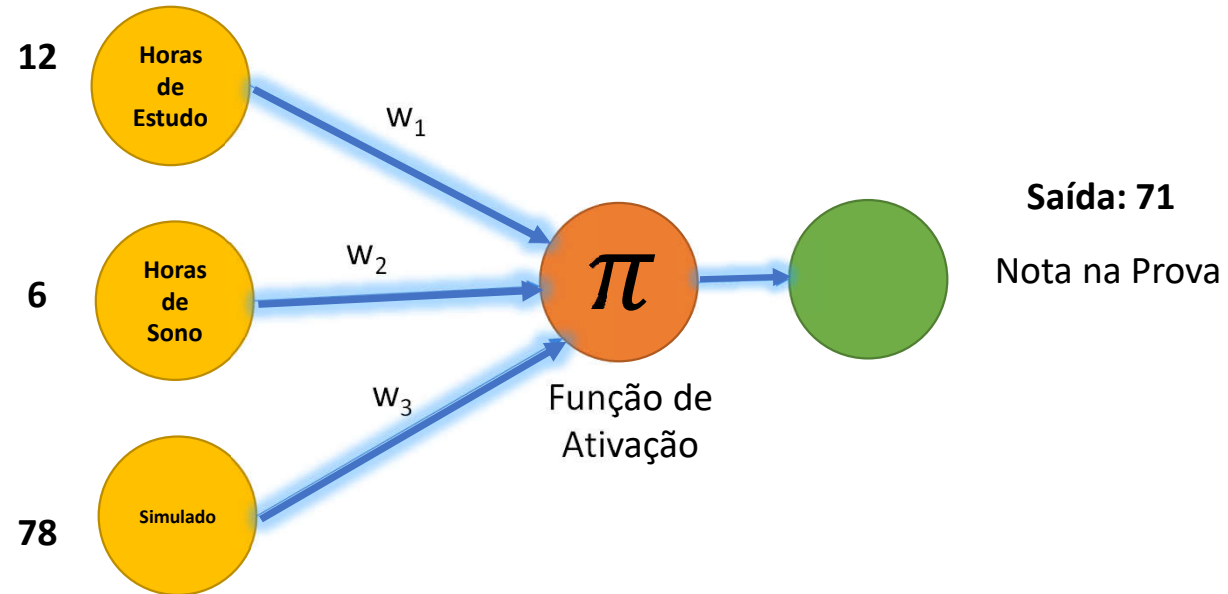
# Rede Neural Artificial - Componentes

ID	HorasEstudo	HorasSono	Simulado	Prova
1	12	6	78%	93%
2	22	6,5	24%	68%
3	115	4	100%	95%
4	31	9	67%	75%
5	0	10	58%	51%
6	5	8	78%	60%
7	92	6	82%	89%
8	57	8	91%	97%



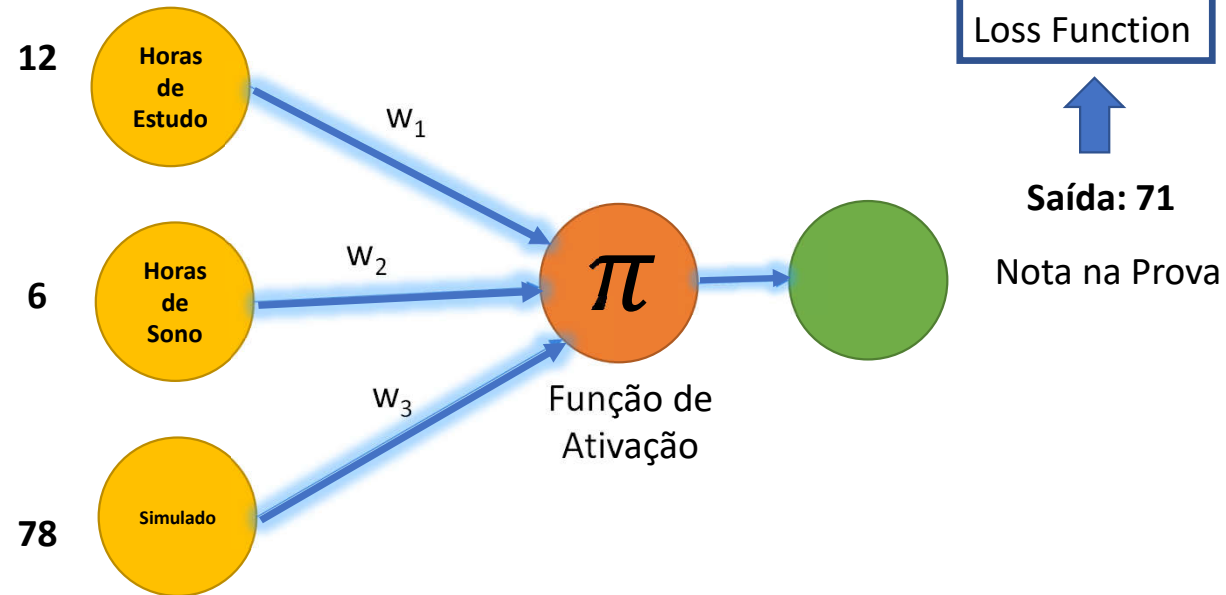
# Rede Neural Artificial - Componentes

ID	HorasEstudo	HorasSono	Simulado	Prova
1	12	6	78%	93%
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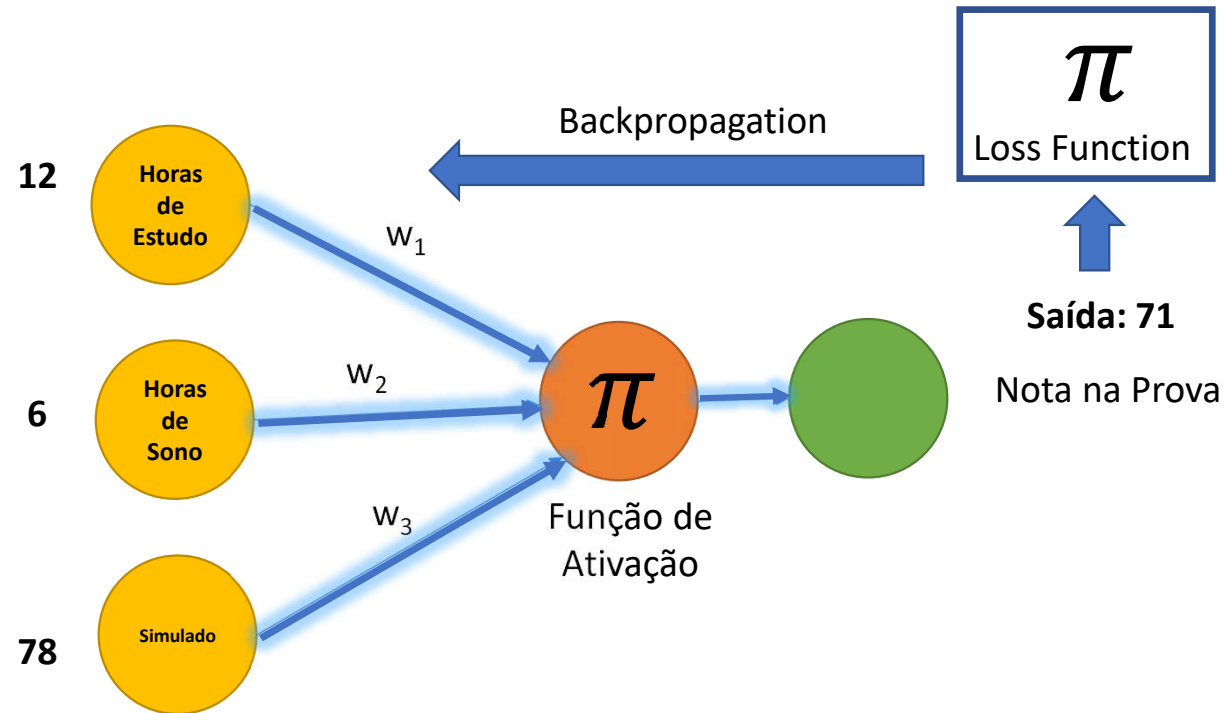
# Rede Neural Artificial - Componentes

ID	HorasEstudo	HorasSono	Simulado	Prova
1	12	6	78%	93%
2	22	6,5	24%	68%
3	115	4	100%	95%
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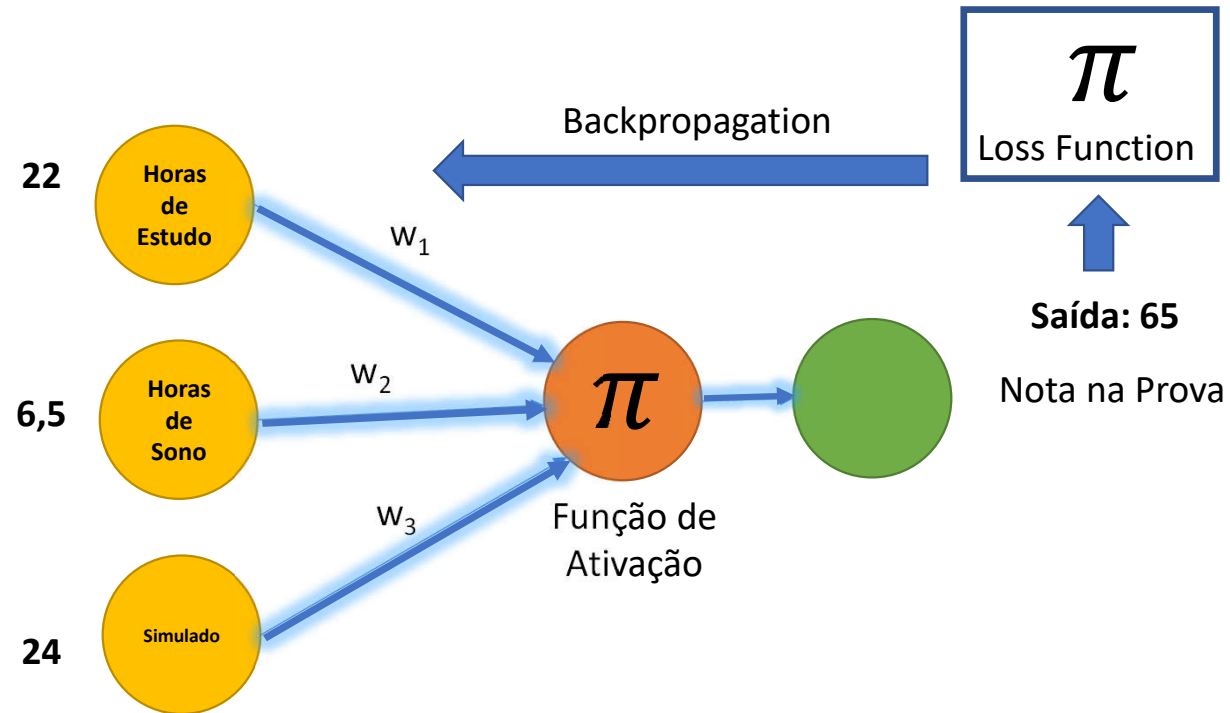
# Rede Neural Artificial - Componentes

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1	12	6	78%	93%
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8	57	8	91%	97%



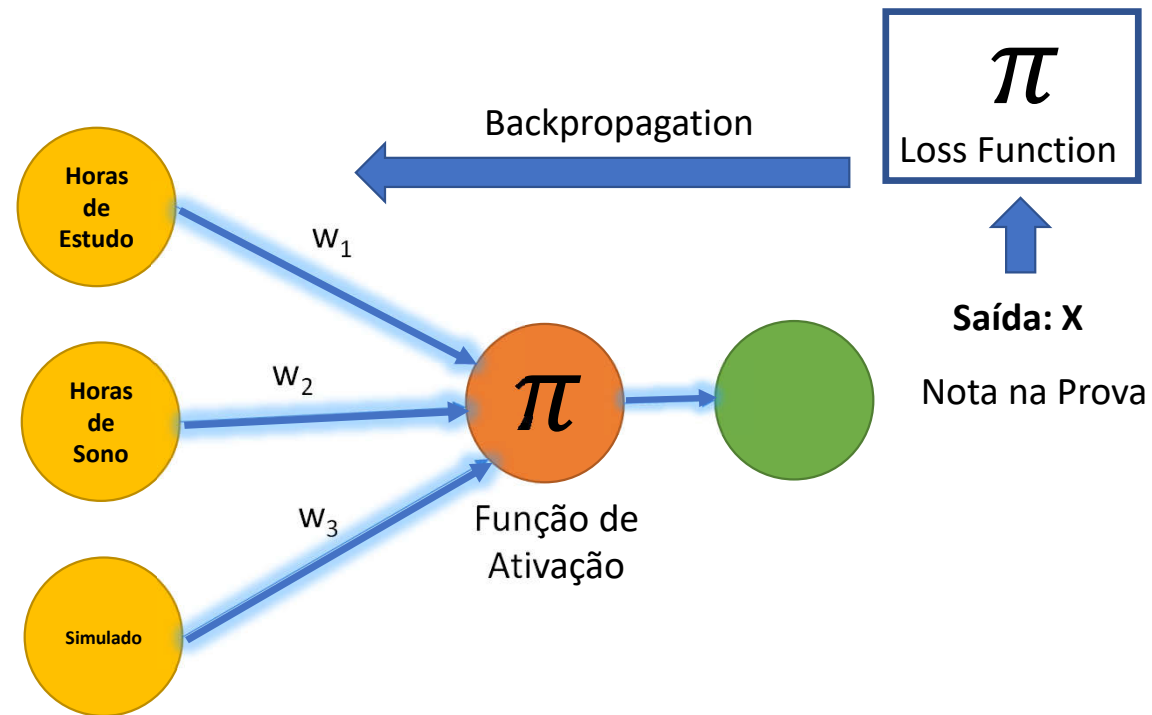
# Rede Neural Artificial - Componentes

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8	57	8	91%	97%



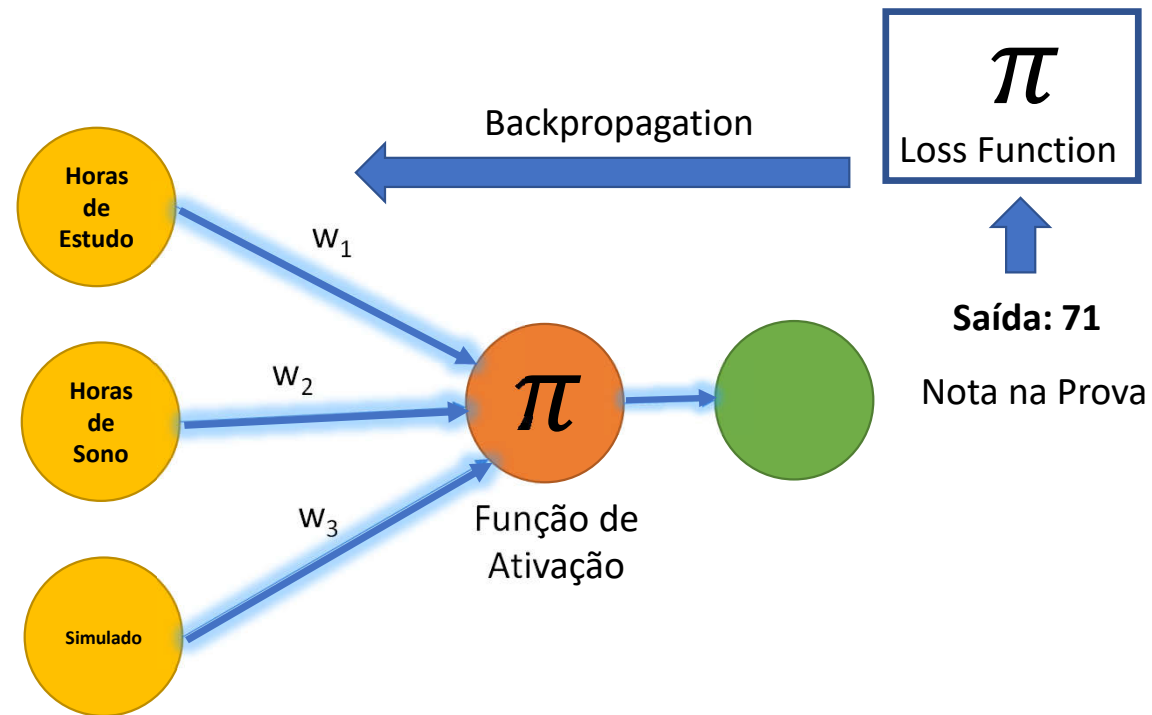
# Rede Neural Artificial - Componentes

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5	0	10	58%	51%
6	5	8	78%	60%
7	92	6	82%	89%
8	57	8	91%	97%



EPOCH: Passagem de todos os dados de treino pela rede

Batch Size: Passagem de um número n de registros antes de atualizar os pesos



# Considerações

- Uma RNA precisa de muitas EPOCHs
- O "segredo" das RNA são os ajustes dos pesos pelo processo de treinamento
- O ajuste dos pesos se dá pelo processo de backpropagation
- Pesos Ajustados geram saídas mais precisas