## Run-through 1

- a. NOT(X1 AND (NOT X2))
- b. (NOT X1) AND X2
- c. NOT(X1 AND (NOT X2))

## Weights

[array([[ 7.9760404, 7.006725 ], [-8.064524, -7.2945275]], dtype=float32), array([ 4.3600855, -3.8189018], dtype=float32)]

[array([[-8.61562], [ 8.89824]], dtype=float32), array([4.228423], dtype=float32)]

[array([[-7.7510686, -5.7764993], [-7.8989224, -5.7902203]], dtype=float32), array([3.5809894, 8.711083], dtype=float32)]

[array([[-8.9383545], [ 9.333035 ]], dtype=float32), array([-4.6513577], dtype=float32)]

## Run-through 2

- a. (NOT X1) AND (NOT X2)
- b. X1 AND X2
- c. (NOT X1) AND (NOT X2)

## Weights

[array([[-7.7510686, -5.7764993], [-7.8989224, -5.7902203]], dtype=float32), array([3.5809894, 8.711083], dtype=float32)]

[array([[-8.9383545], [ 9.333035 ]], dtype=float32), array([-4.6513577], dtype=float32)]