

UNGRADED EXERCISE - NEURAL NETWORKS

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1.

$$w_0 = -2$$

$$w_1 = -2$$

$$w_2 = 1$$

2.

$$\theta_0 = -10$$

$$\theta_1 = 20$$

$$\theta_2 = -20$$

3.

unit 1: check if A or B:

$$\theta_0 = -10$$

$$\theta_1 = 20$$

$$\theta_2 = 20$$

unit 2: check if A AND B:

$$\theta_0 = -20$$

$$\theta_1 = 15$$

$$\theta_2 = 15$$

//if A or B returns positive we're good to go; if A AND B returns positive we're not

$$\theta_0 = -10$$

$$\theta_1 = 20$$

$$\theta_2 = -20$$