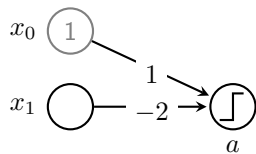
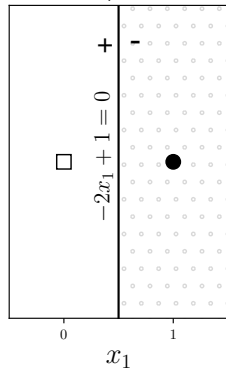
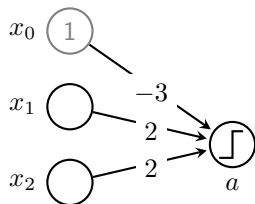
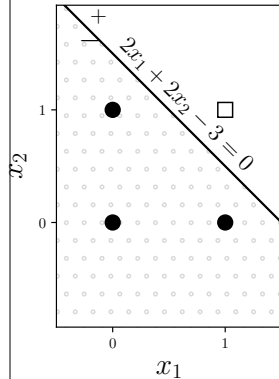


NOT problem



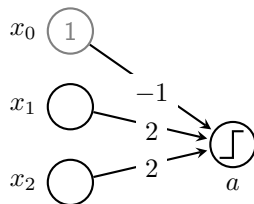
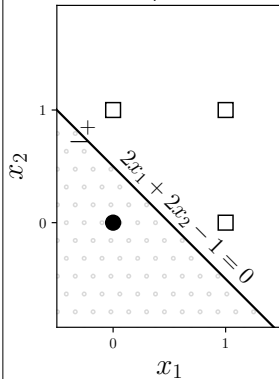
$$a = \text{sgn}(-2x_1 + 1)$$

AND problem



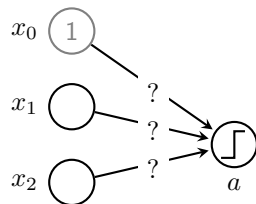
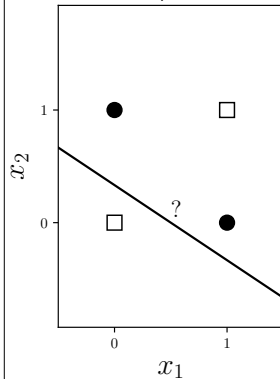
$$a = \text{sgn}(2x_1 + 2x_2 - 3)$$

OR problem



$$a = \text{sgn}(2x_1 + 2x_2 - 1)$$

XOR problem



No solution!