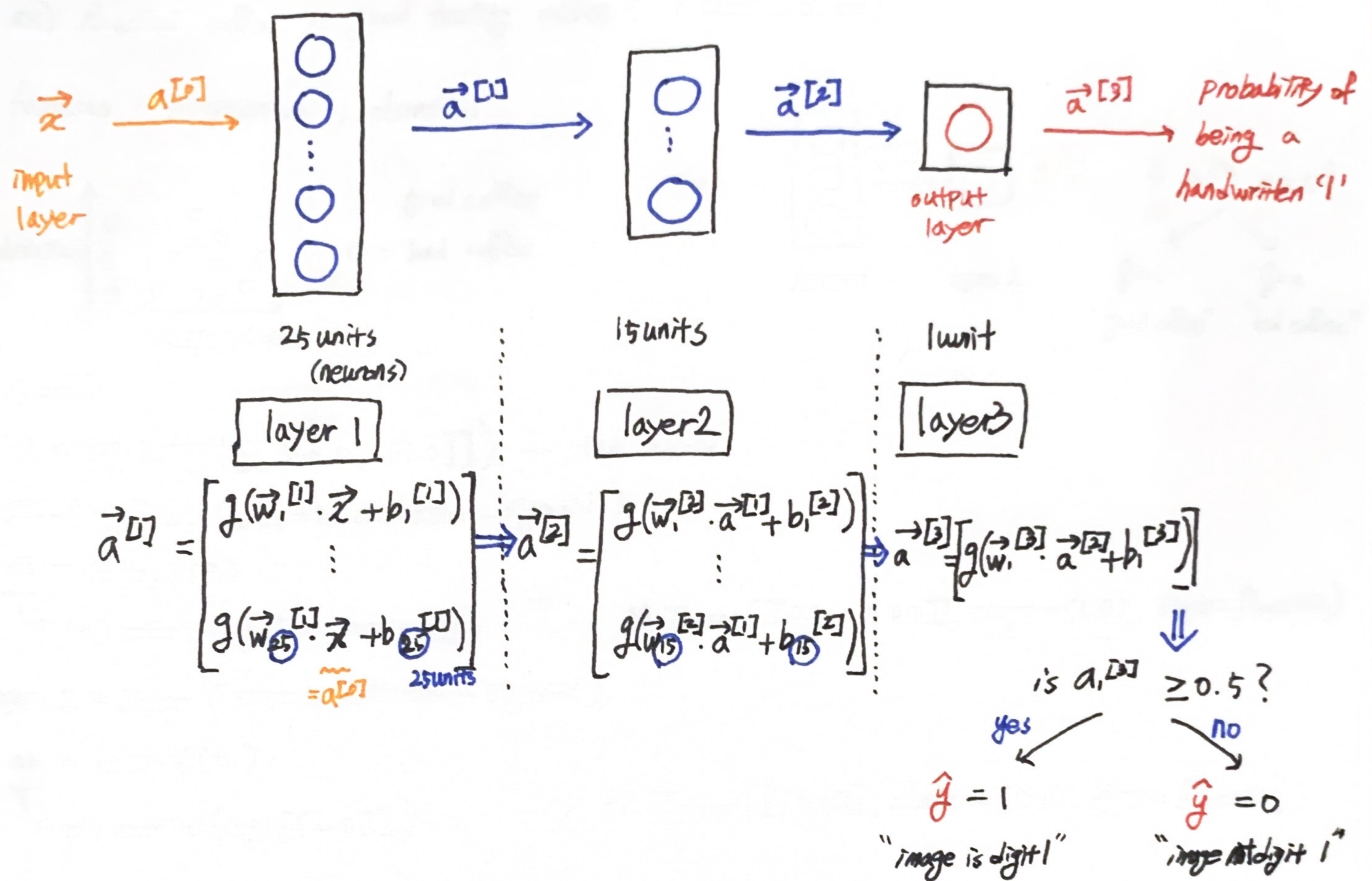


< Inference : make prediction (forward propagation) >



forward propagation : all of these computation start from \vec{x} then compute $\vec{a}^1, \vec{a}^2, \vec{a}^3$ from left to right. (forward direction)