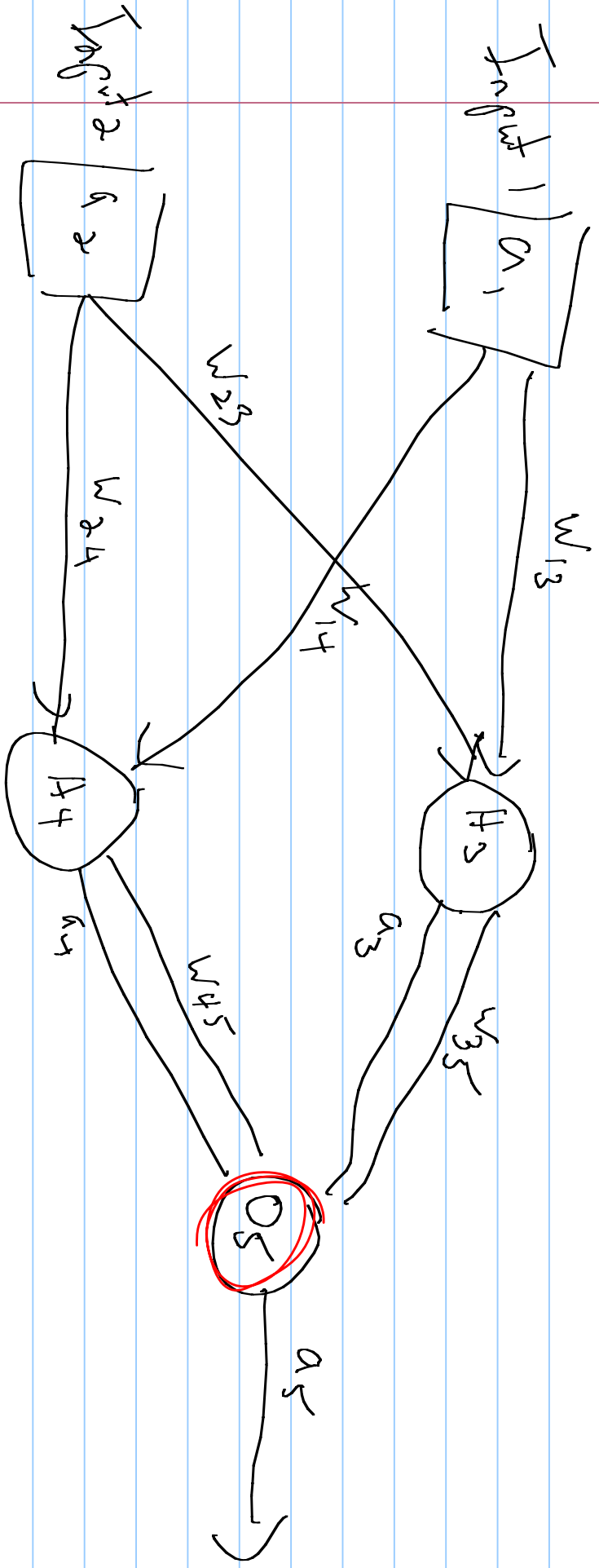


# Neural Networks and Backprop



$$k_5 = g(w_{35} a_3 + w_{45} a_4)$$

$$a_3 = g (w_{35} g (w_{13} a_1 + w_{23} a_2) + w_{45} g (w_{14} a_1 + w_{24} a_2))$$

$$a_6 = g ( \dots )$$