



$$h = \omega_1 \times_1 + b_1$$

$$y = \omega_2 h + b_2$$

$$y = \omega_2 (\omega_1 \times + b_1) + b_2$$

$$= (\omega_2 \omega_1) \times + (\omega_2 b_1 + b_2)$$

$$= (\omega_2 \omega_1) \times (\omega_2 b_1 + b_2)$$

$$= (\omega_2 \omega_1) \times (\omega_2 \omega_1 + \omega_2)$$