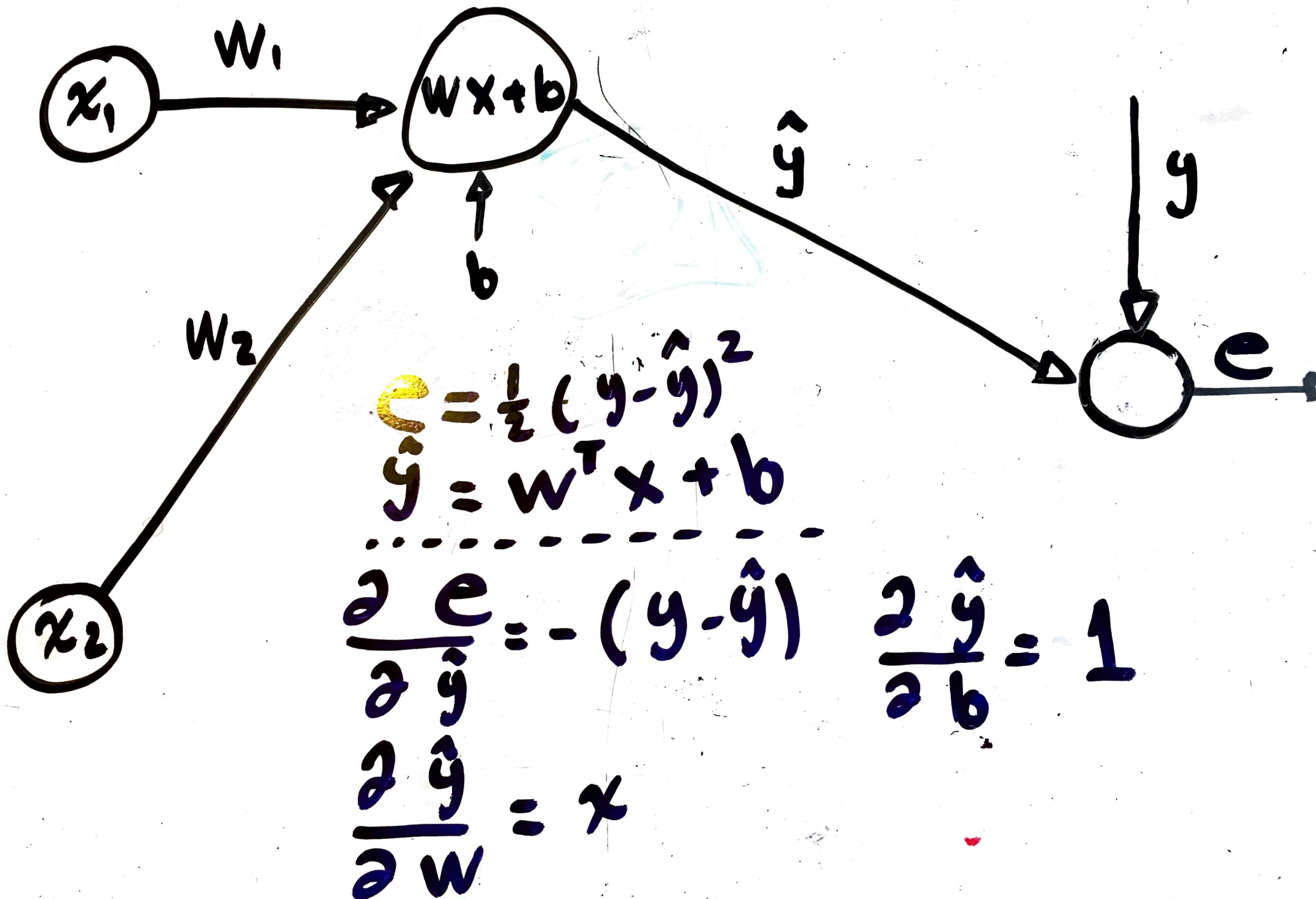
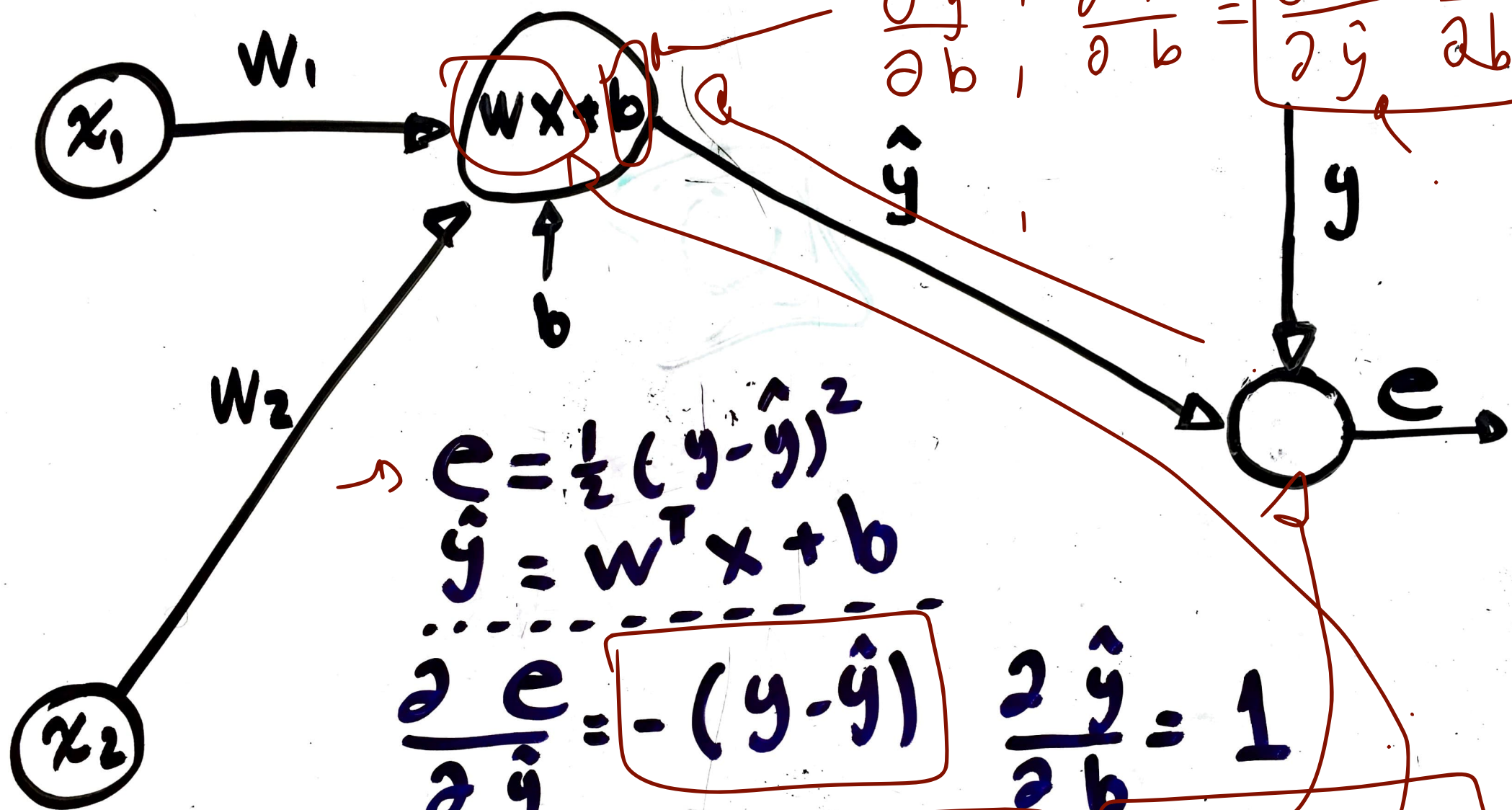


Regresión



Regresión



$$\frac{\partial \hat{y}}{\partial b} : \frac{\partial E}{\partial b} = \frac{\partial E}{\partial \hat{y}} : \frac{\partial \hat{y}}{\partial b}$$

$$e = \frac{1}{2} (y - \hat{y})^2$$

$$\hat{y} = w^T x + b$$

$$\frac{\partial e}{\partial \hat{y}} = -(y - \hat{y})$$

$$\frac{\partial \hat{y}}{\partial b} = 1$$

$$\frac{\partial \hat{y}}{\partial w} = x$$

$$\frac{\partial E}{\partial w} = \frac{\partial E}{\partial \hat{y}} \cdot \frac{\partial \hat{y}}{\partial w}$$

$$\frac{\partial E}{\partial \hat{y}} \cdot \frac{\partial \hat{y}}{\partial w}$$