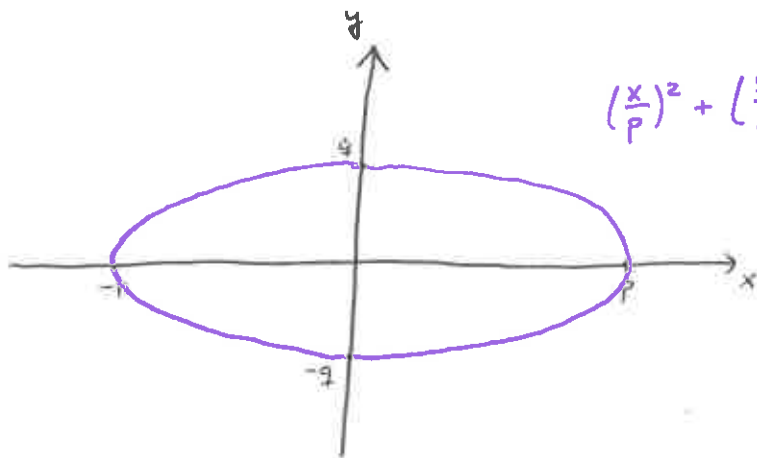
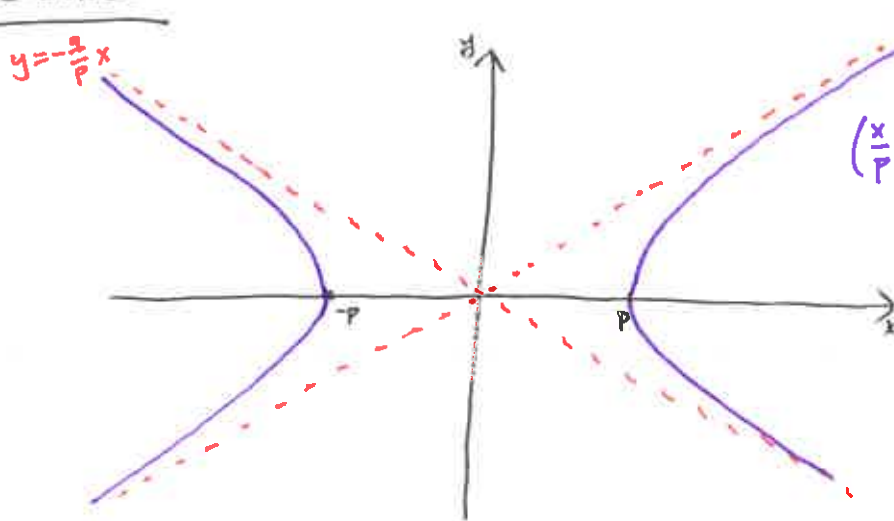


# Ellipses

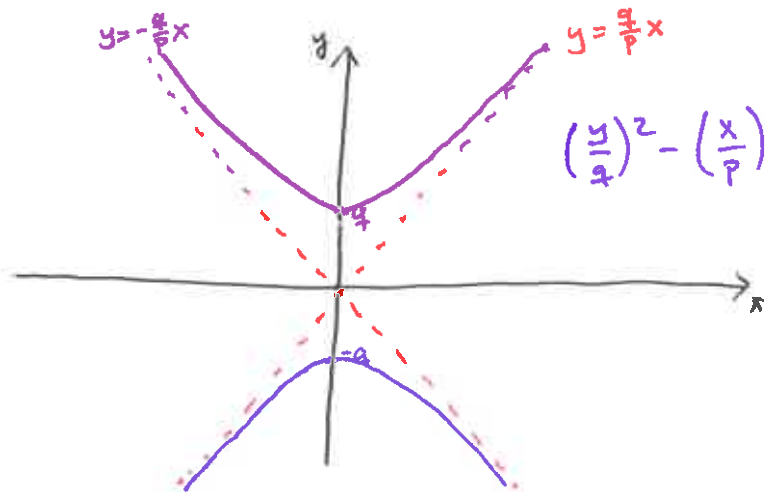


$$\left(\frac{x}{p}\right)^2 + \left(\frac{y}{q}\right)^2 = 1$$

# Hyperbolas



$$\left(\frac{x}{p}\right)^2 - \left(\frac{y}{q}\right)^2 = 1$$



$$\left(\frac{y}{q}\right)^2 - \left(\frac{x}{p}\right)^2 = 1$$