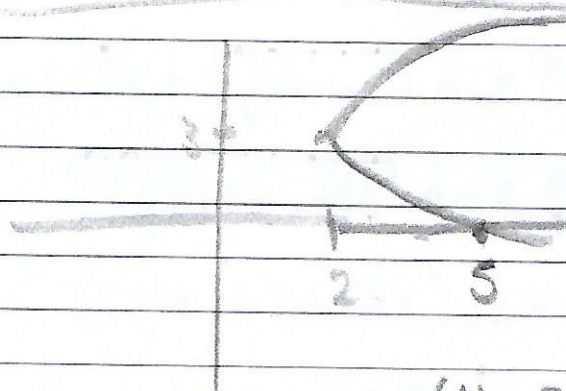


2/c)



eixo de simetria $x = 2$
 $V(2, 3)$
 passa pelo $P(5, 0)$

$$(y-3)^2 = 2p(x-2)$$

$$(0-3)^2 = 2p(5-2)$$

$$9 = 2p \cdot 3$$

$$p = 3/2$$

$$(y-3)^2 = 3(x-2)$$

3)

$$a^2 = b^2 + c^2$$

$$\frac{9}{4} = b^2 + \frac{1}{4}$$

$$b^2 = \frac{7}{4} \Rightarrow b = \frac{\sqrt{7}}{2}$$

$$2a = 3$$

$$a = 3/2$$

$$d(0, 1), (1, 0)) = 2c$$

$$\sqrt{(-1)^2 + 1^2} = 2c$$

$$2c = \sqrt{2}$$

$$c = \frac{\sqrt{2}}{2}$$