

$$r^2 = x^2 + y^2$$

$$r^2 = 4^2 + 6^2$$

$$r^2 = 16 + 36$$

$$r^2 = 52 //$$

$$x^2 + y^2 - 4x - 6y = 39$$

$$x^2 - 4x + 4 + y^2 - 6y + 9 = 39 + 4 + 9$$

$$(x - 2)^2 + (y - 3)^2 = 52$$

$$x^2 + y^2 + 8x + 4y = 81$$

$$x^2 + 8x + 16 + y^2 + 4y + 4 = 81 + 16 + 4$$

$$(x + 4)^2 + (y + 2)^2 = 101$$

$$x^2 + y^2 + 10x - 4y = -3$$

$$x^2 + 10x + 25 + y^2 - 4y + 4 = -3 + 25 + 4$$

$$(x + 5)^2 + (y - 2)^2 = 26$$

$$49 = (x+7)^2 + (y-7)^2$$

$$49 = x^2 + 2x + 1 + y^2 - 2y + 1$$
$$x^2 + y^2 + 2x - 2y - 47 = 0$$

ecuacion ordinaria a la general

$$25 = (x+3)^2 + (y-4)^2$$

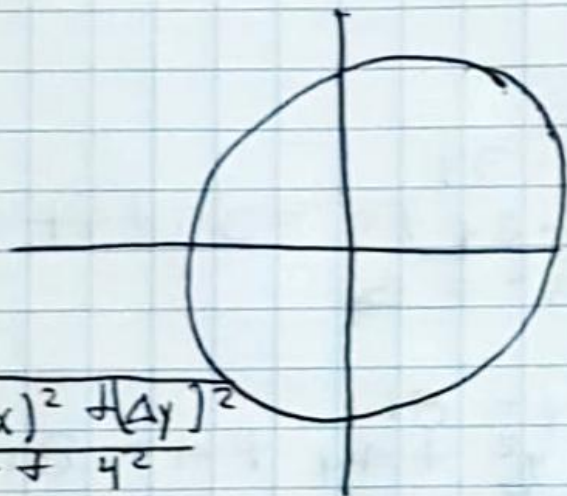
$$25 = x^2 + 6x + 9 + y^2 - 8y + 16$$

$$x^2 + y^2 + 6x - 8y = 0$$

$$50 = (x-5)^2 + (y+6)^2$$

$$50 = x^2 - 10x + 25 + y^2 + 12y + 36$$

$$x^2 + y^2 - 10x + 12y + 11 = 0$$



$$r = \sqrt{(\Delta x)^2 + (\Delta y)^2}$$

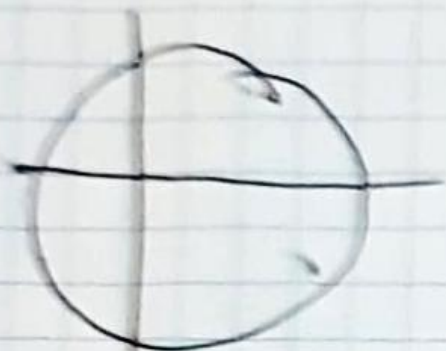
$$r = \sqrt{6^2 + 4^2}$$

$$r = \sqrt{36 + 16}$$

$$r = \sqrt{52}$$

$$r^2 = (x-h)^2 + (y-k)^2$$

$$52 = (x - (-8))^2 + (y - (-5))^2$$



$$C = (6, 3)$$

$$P = (2, 10)$$

$$r = \sqrt{(\Delta x)^2 + (\Delta y)^2}$$

$$r = \sqrt{4^2 + 7^2}$$

$$r = \sqrt{16 + 49}$$

$$r = \sqrt{65}$$

$$65 = (x-6)^2 + (y-3)^2$$

Coordenadas del centro de las sig ecuaciones de circunferencias

$$46 = x^2 + y^2$$

$$(-1, -1)$$

$$34 = x^2 + y^2$$

$$(-1, -1)$$

$$25 = (x+3)^2 + (y-4)^2$$

$$(-3, 4)$$

$$50 = (x-5)^2 + (y+6)^2$$

$$(5, -6)$$

$$49 = (x+1)^2 + (y-1)^2$$

$$(-1, 1)$$

Obten el valor del radio

$$46 = x^2 + y^2$$

$$r = \sqrt{46}$$

$$34 = x^2 + y^2$$

$$r = \sqrt{34}$$

$$25 = (x+3)^2 + (y-4)^2$$

$$r = \sqrt{25}$$

$$r = 5$$

$$50 = (x-5)^2 + (y+6)^2$$

$$r = \sqrt{50}$$

$$r = 5\sqrt{2}$$

$$49 = (x+1)^2 + (y-1)^2$$

$$r = \sqrt{49}$$

$$r = 7$$