

3. Determine las coordenadas del centro de las siguientes ecuaciones de circunferencia

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

$(-1, -1)$

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

$(-1, -1)$

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

$(-3, 4)$

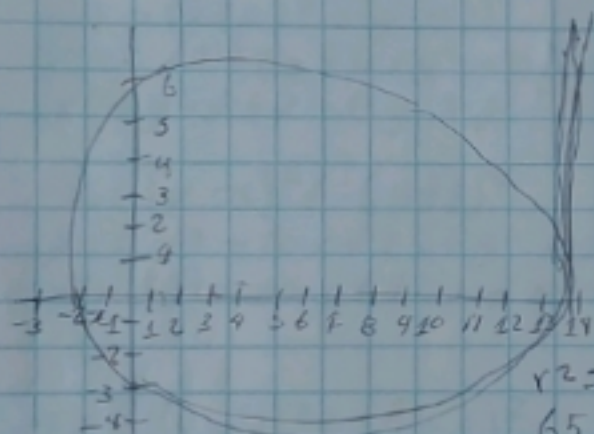
$$50 = (x-5)^2 + (y+6)^2$$

$(5, -6)$

$$44 = (x+1)^2 + (y-2)^2$$

$(-1, 2)$

4. Determine la ecuación de las siguientes circunferencias desplazadas



$C(6, 3)$

$P(2, 1)$

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

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

$$r = \sqrt{16 + 4}$$

$$r = \sqrt{20}$$

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

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