

2. Dadas las ecuaciones de la circunferencia, obtén el valor del radio

$$46 = x^2 + y^2 \quad r^2 = 46 \Rightarrow r = \sqrt{46}$$

$$25 = (x + 3)^2 + (y - 4)^2 \quad r^2 = 25 \Rightarrow r = 5$$

$$34 = x^2 + y^2 \quad r = \sqrt{34} \quad r^2 = 34 \Rightarrow r = \sqrt{34}$$

$$50 = (x - 5)^2 + (y + 6)^2 \quad r^2 = 50 \Rightarrow r = \sqrt{50}$$

$$49 = (x + 1)^2 + (y - 1)^2 \quad r^2 = 49 \Rightarrow r = 7$$

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

$$46 = x^2 + y^2 \quad (\emptyset, \emptyset)$$

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

$$34 = x^2 + y^2 \quad (\emptyset, \emptyset)$$

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

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