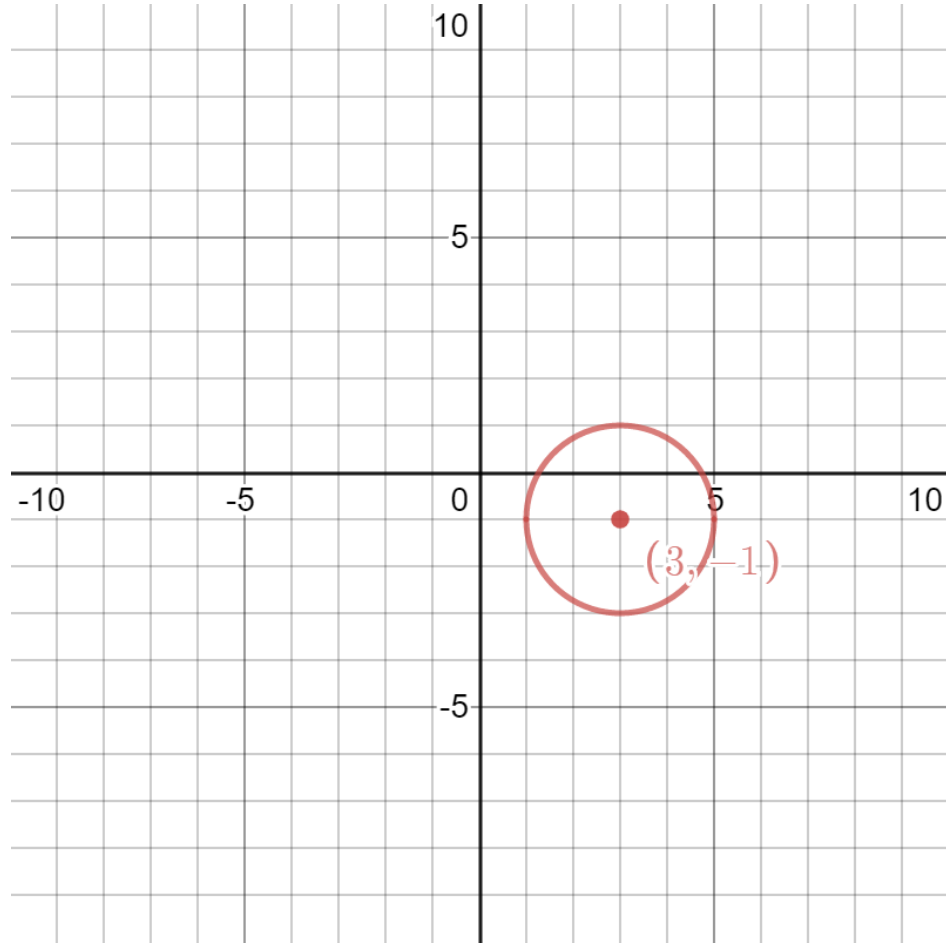
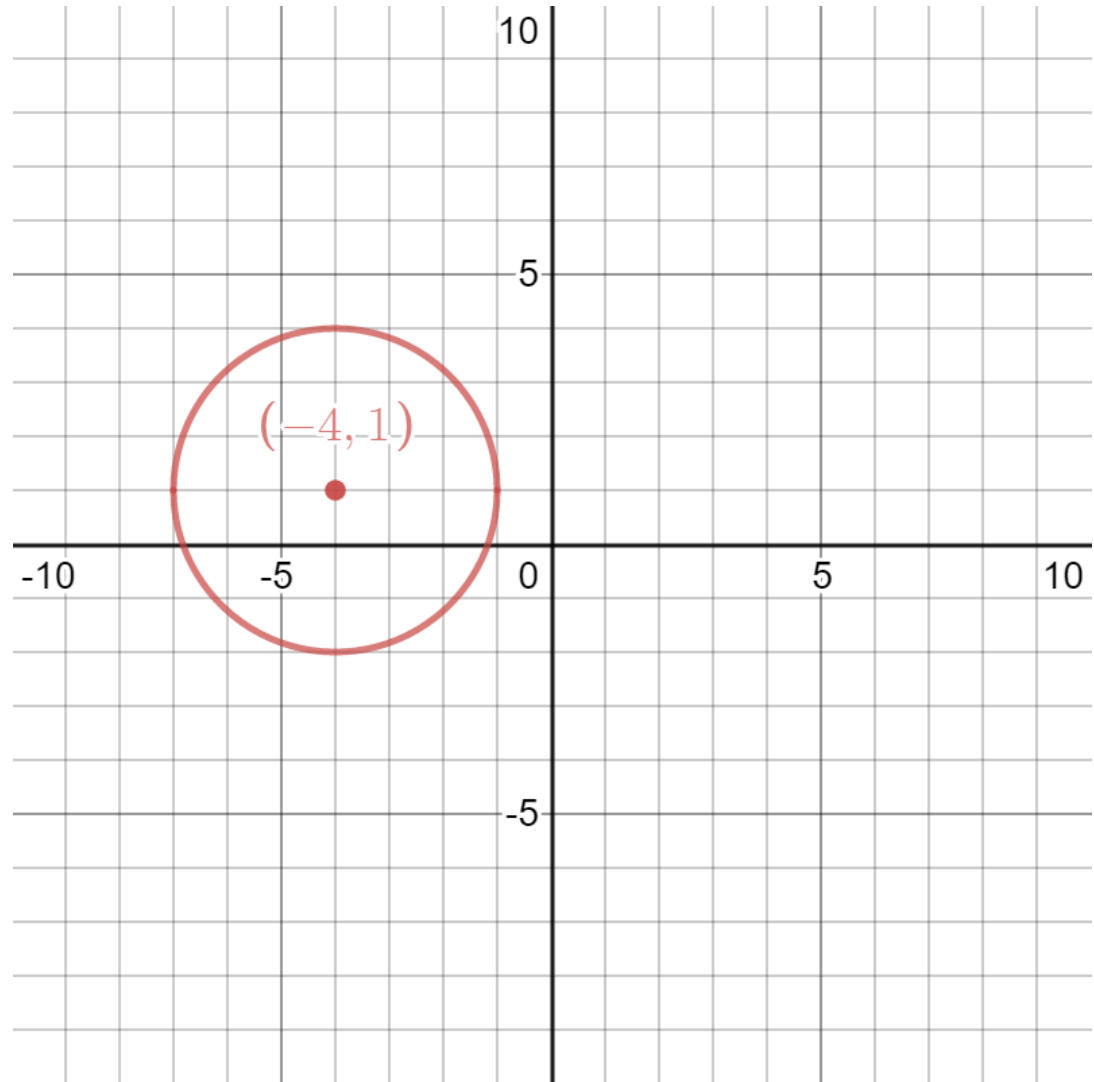


Section 2.4

1) equation of circle $(x-3)^2 + (y-(-1))^2 = 2^2$

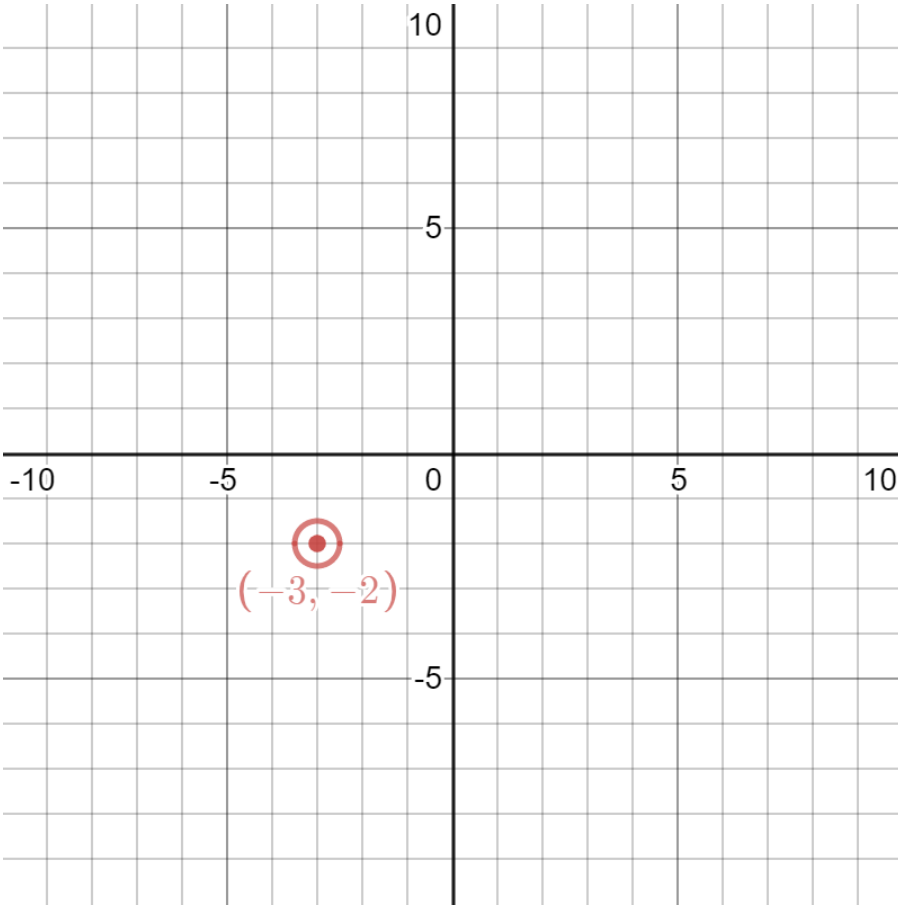


3) equation of the circle $(x - (-4))^2 + (y - 1)^2 = 3^2$

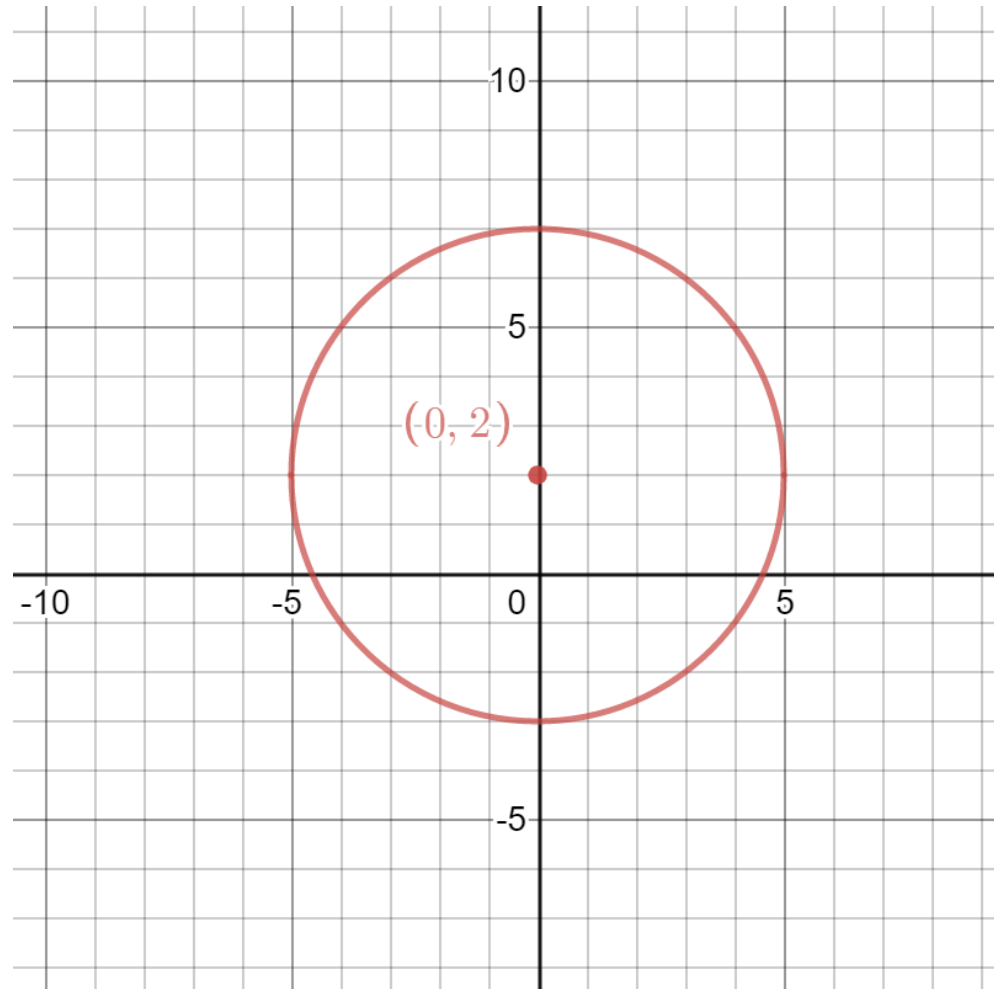


5) equation of circle

$$(x - (-3))^2 + (y - (-2))^2 = \left(\frac{1}{2}\right)^2$$

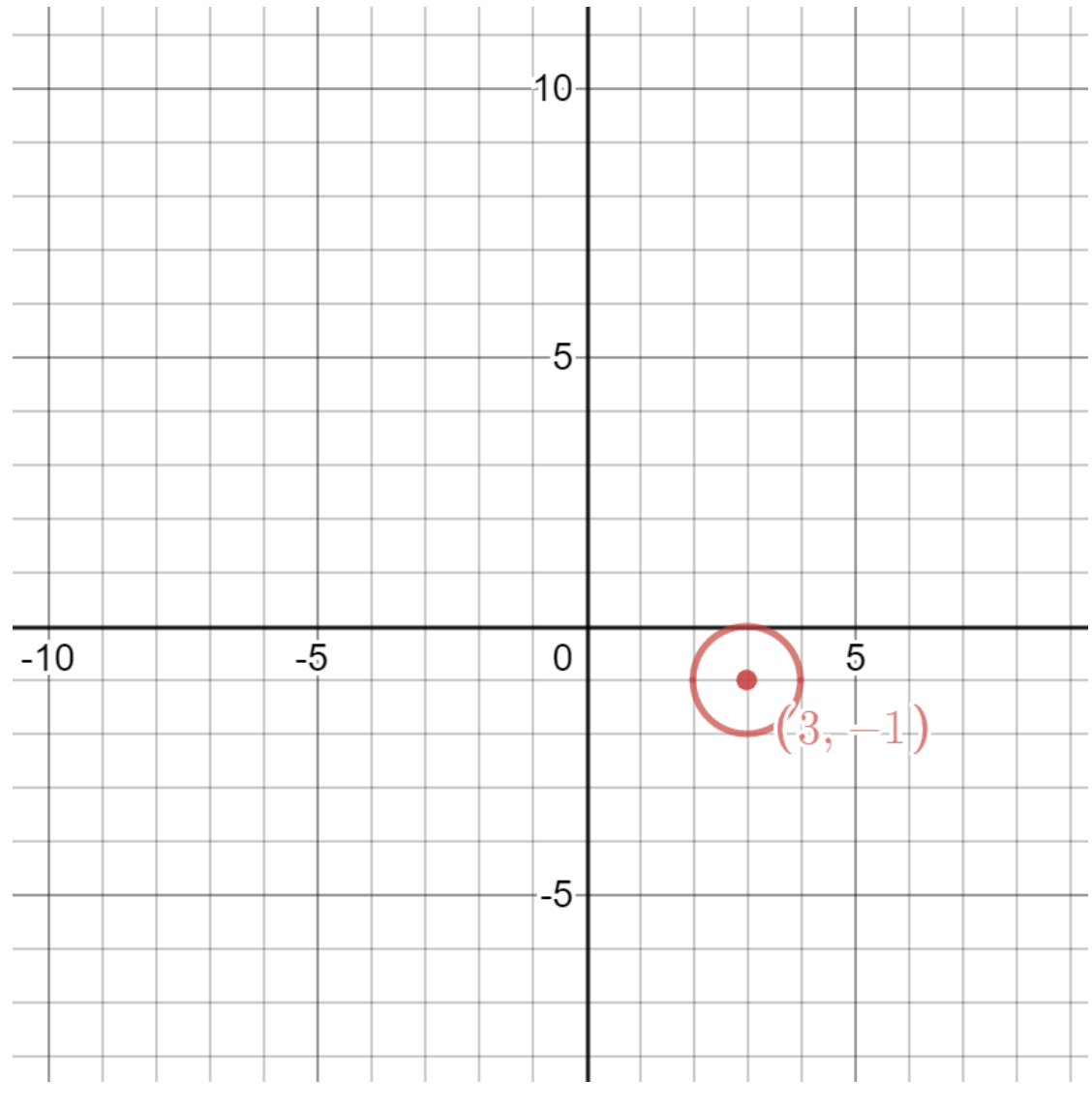


7) equation of circle $x^2 + (y-2)^2 = 5^2$



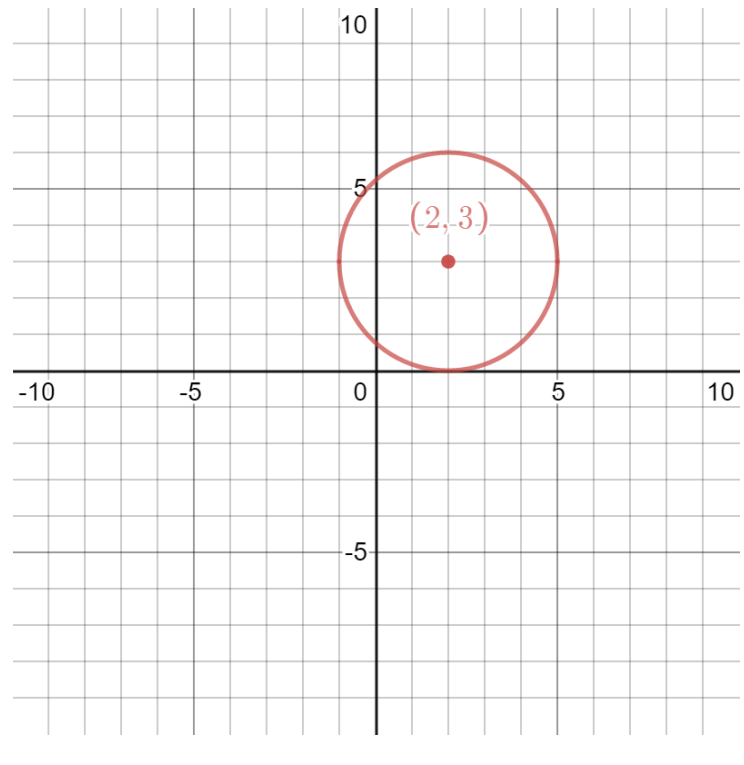
9) equation of circle $(x-3)^2 + (y-(-1))^2 = 1^2$

Center (3, -1) radius 1



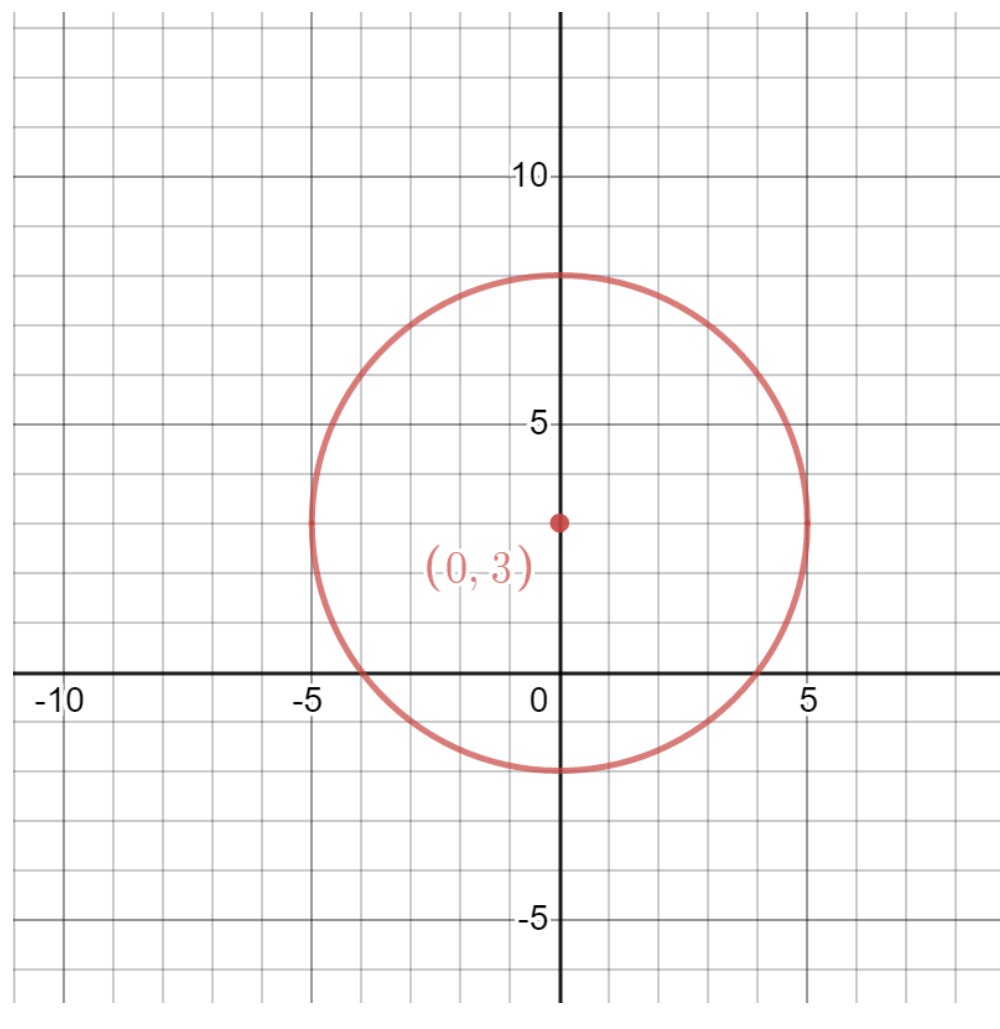
11) equation of circle $(x-2)^2 + (y-3)^2 = 3^2$

Center (2, 3) radius 3



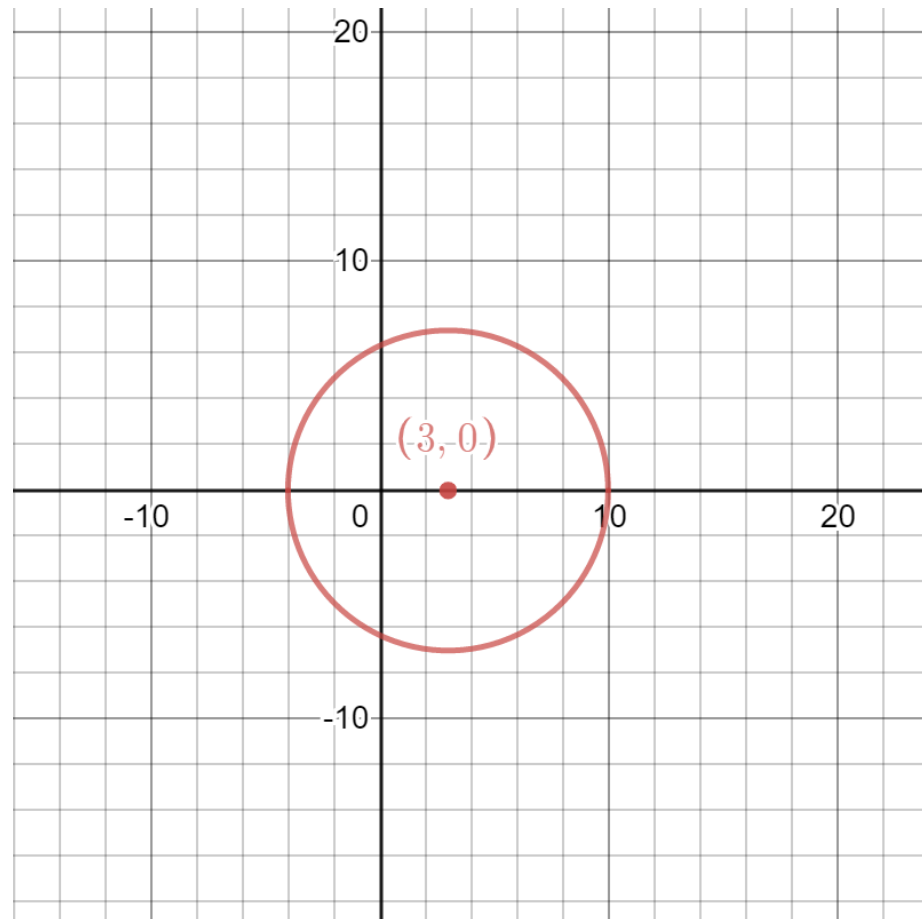
13) equation of circle $x^2 + (y-3)^2 = 5^2$

Center (0, 3) radius 5



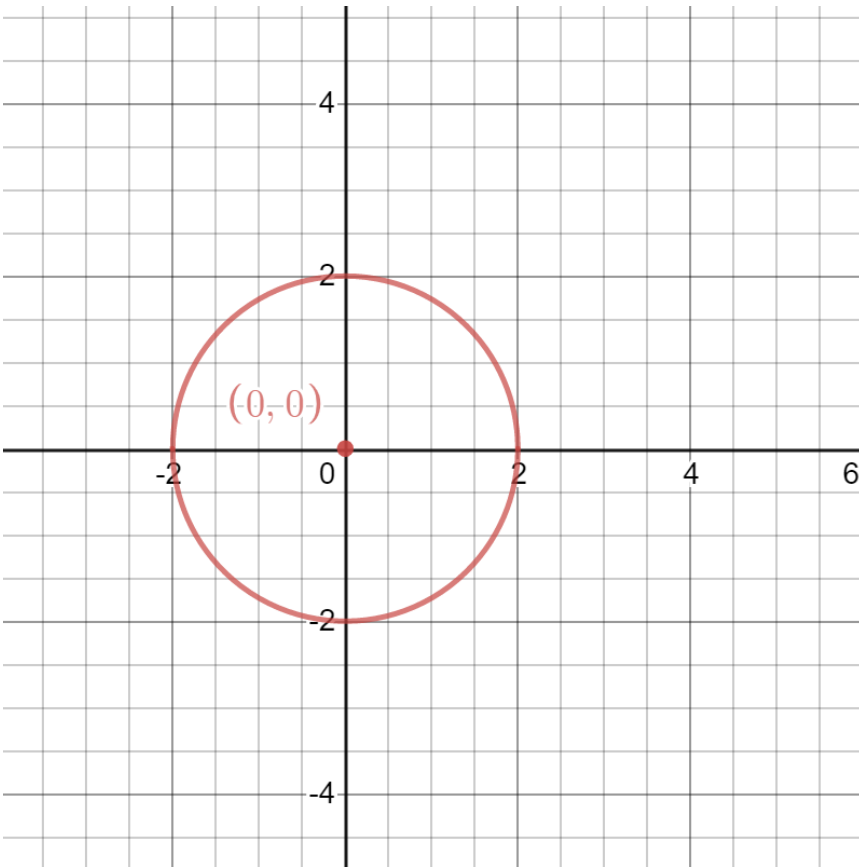
15) equation of circle $(x-3)^2 + y^2 = 7^2$

Center (3,0) radius 7



17) equation of circle $x^2 + y^2 = 2^2$

Center (0,0) radius 2



19) equation of circle $(x - (-2))^2 + (y - 3)^2 = 5^2$ radius 5

21) equation of circle $(x - 5)^2 + (y - 2)^2 = 7^2$ radius 7