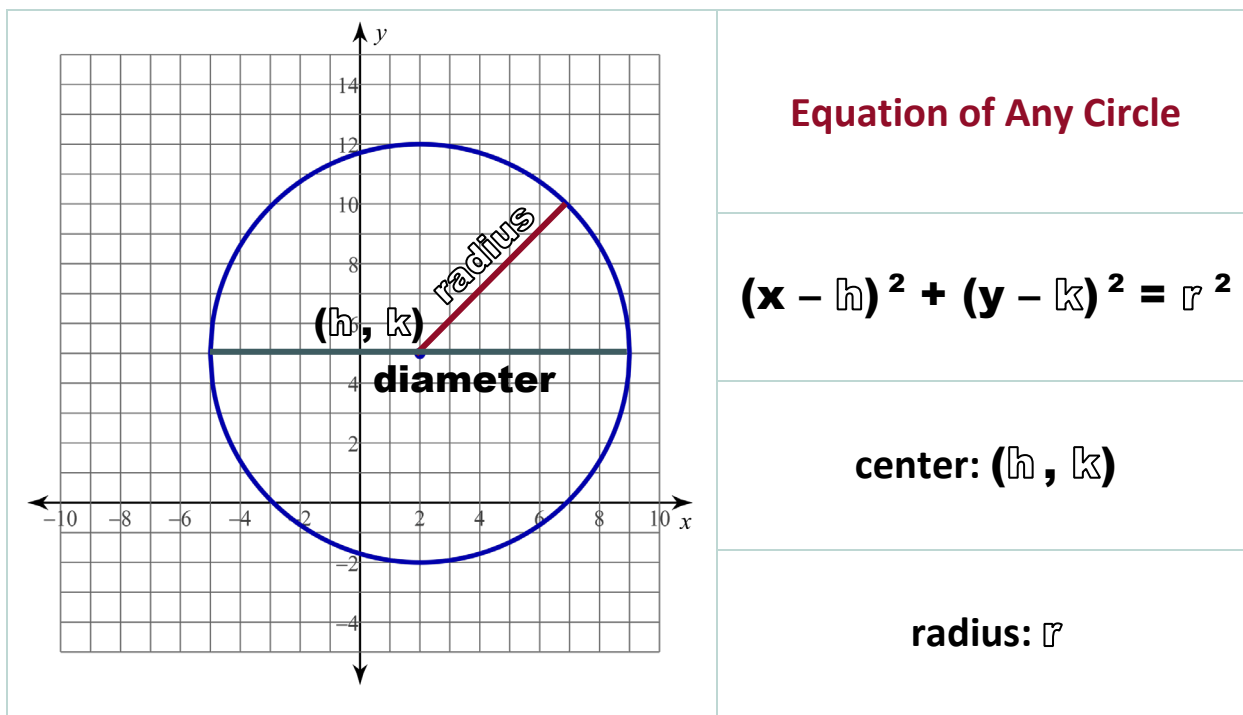
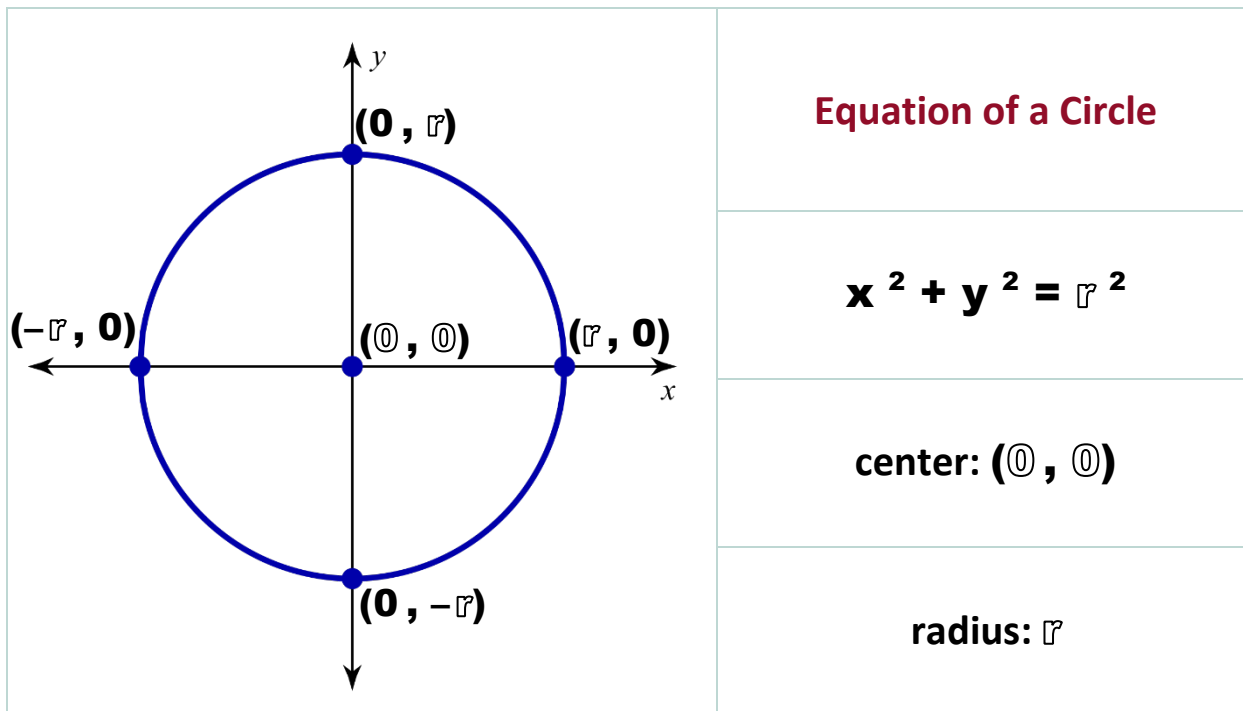


WRITING THE EQUATION OF A CIRCLE: GUIDED NOTES

Explain



1) Write the equation of a circle that has $(-6, 1)$ and $(4, 9)$ as the endpoints of its diameter.

2) What is the center and what is the radius of $(x + 4)^2 + (y - 7)^2 = 100$?