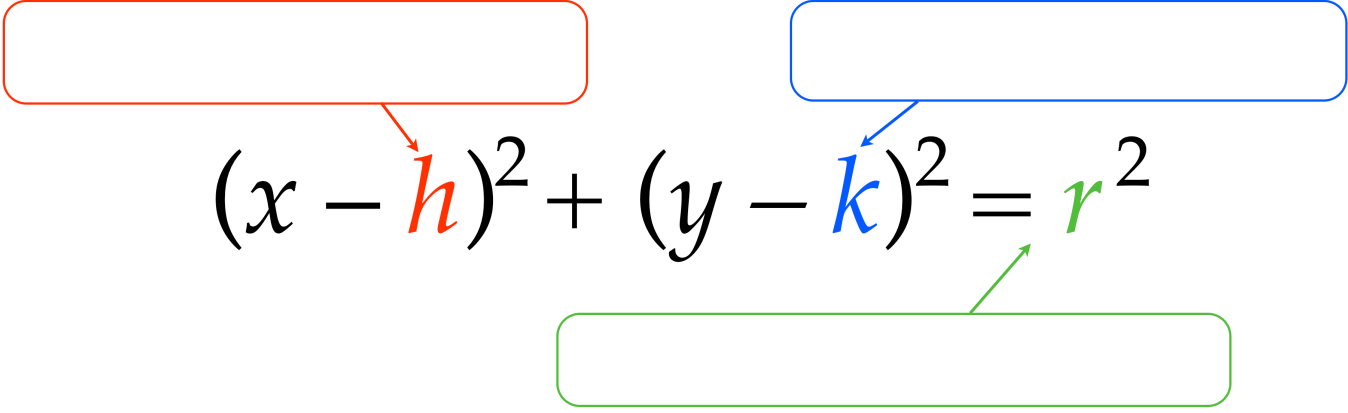


Equation of a **Circle**
with center (h,k)

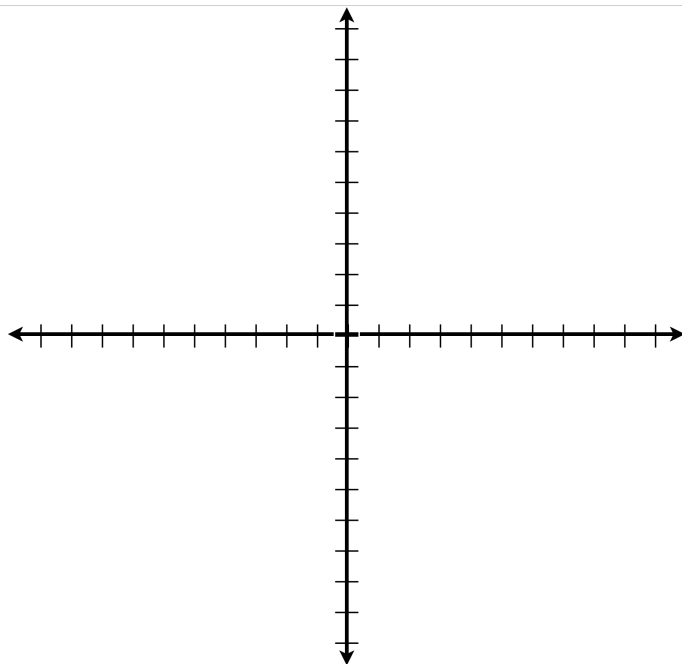


The diagram shows the equation $(x - h)^2 + (y - k)^2 = r^2$. A red box is positioned above the h with an arrow pointing to it. A blue box is positioned above the k with an arrow pointing to it. A green box is positioned below the r with an arrow pointing to it.

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

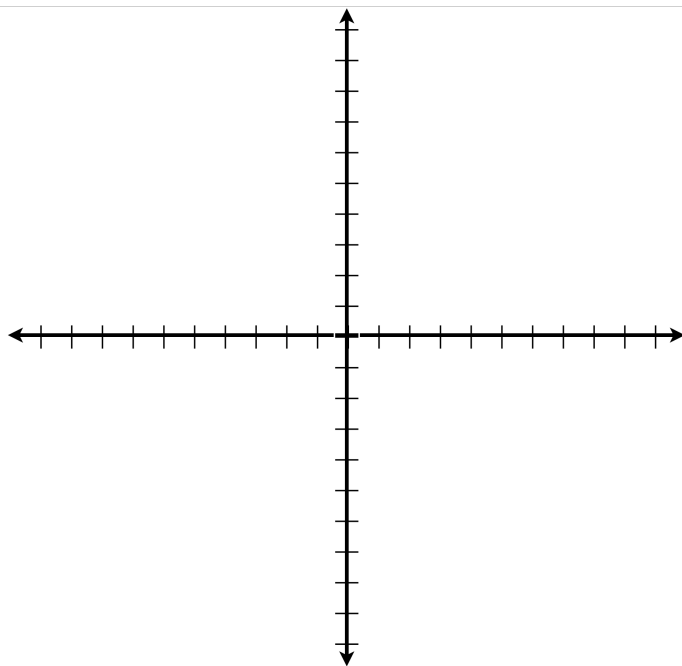
Graph the following **circles**.

$$x^2 + y^2 = 49$$



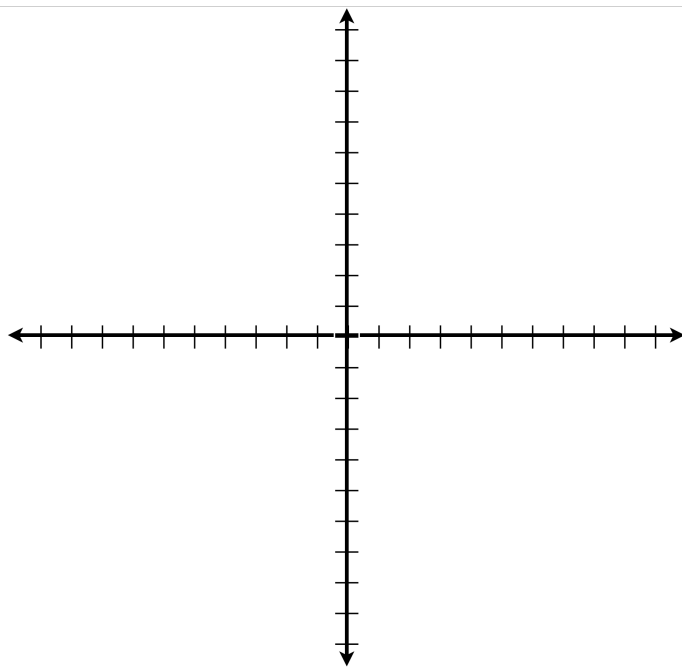
Graph the following circles.

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



Graph the following circles.

$$(x + 1)^2 + (y + 5)^2 = 16$$



Graph the following **circles**.

$$x^2 + y^2 + 4x - 6y - 12 = 0$$

