9. If the center of a circle is $(6,-1)$ and its radius is 4, then the standard form of the equation for this circle is:
Note: v: horizontal axis, a: vertical axis

$(-6 + v)^2 + (1 + a) = 16$

$(6 + v)^2 + (-1 + a)^2 = 4$

$(-6 + v)^2 + (1 + a)^2 = 16$

$(6 + v)^2 + (-1 + a)^2 = 16$

Solution

This circle has the center $(6,-1)$ with radius 4
So, it has the equation:
$(-6 + v)^2 + (1 + a)^2 = 16$