

2. If the center of a circle is $(6,0)$ and its radius is 5, then the standard form of the equation for this circle is:

Note: u: horizontal axis, b: vertical axis

$$(-6 + u)^2 + (b)^2 = 25$$

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Solution

This circle has the center $(6,0)$ with radius 5
So, it has the equation:

$$(-6 + u)^2 + (b)^2 = 25$$

