5. If the center of a circle is (5,1) and its radius is 6, then the standard form of the equation for this circle is:
Note: n: horizontal axis, w: vertical axis

$(-5 + n)^2 + (-1 + w) = 36$

$(5 + n)^2 + (1 + w)^2 = 6$

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$(5 + n)^2 + (1 + w)^2 = 36$

Solution

This circle has the center (5,1) with radius 6
So, it has the equation:

$(-5 + n)^2 + (-1 + w)^2 = 36$