5. If the center of a circle is $(0,-2)$ and its radius is 6, then the standard form of the equation for this circle is:
Note: q: horizontal axis, h: vertical axis

$(q)^2 + (2 + h) = 36$

$(q)^2 + (-2 + h)^2 = 6$

$(q)^2 + (2 + h)^2 = 36$

$(q)^2 + (-2 + h)^2 = 36$

Solution
This circle has the center $(0,-2)$ with radius 6
So, it has the equation:
$(q)^2 + (2 + h)^2 = 36$