Please do not write in the margins of the page!

For each equation of a circle, put the equation into the form
$(x - H)^2 + (y - K)^2 = R^2$ by completing squares, and then give the center
and radius:

1) $x^2 - 6x + y^2 + 4y - 4 = 0$
   $x^2 - 6x + y^2 + 4y = 4$
   $x^2 - 6x + 9 + y^2 + 4y + 4 = 4 + 9 + 4$
   $(x - 3)^2 + (y + 2)^2 = 17$

   The center is $(3, -2)$ and the radius is $\sqrt{13}$

2) $x^2 + 2x + y^2 - 8 = 0$

   $x^2 + 2x + y^2 = 8$
   $x^2 + 2x + 1 + y^2 = 8 + 1$
   $(x + 1)^2 + y^2 = 9$

   The center is $(-1, 0)$ and the radius is 3