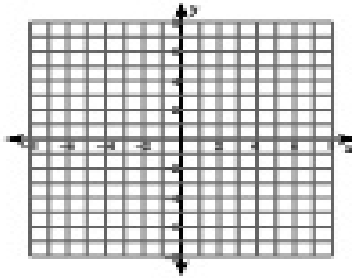


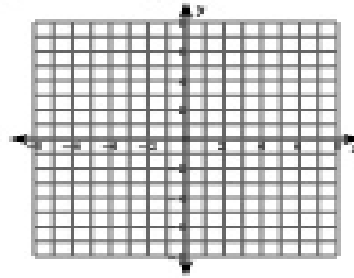
## Equations of Circles

Identify the center and radius of each. Then sketch the graph.

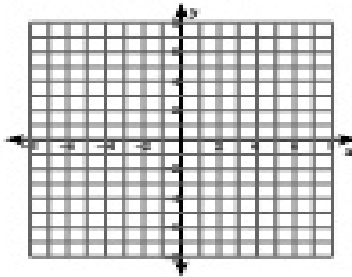
1)  $(x - 1)^2 + (y + 3)^2 = 4$



2)  $(x - 2)^2 + (y + 1)^2 = 16$



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



4)  $x^2 + (y - 3)^2 = 14$

