Name \_\_\_\_\_ Period \_\_\_\_\_

## WRITING EQUATIONS OF CIRCLES

## Find the equation of each circle.

1	center at (-12, -10) and radius 8
2	passes through (2, 2) and has center at (1, 1)
3	A circle has a diameter with endpoints (-3, -2) and (5, -2). Write the equation of the circle.
Rewrite each equation in standard form.	
4	$x^2 + y^2 - 6x + 12y + 20 = 0$
5	$x^2 + y^2 - 2x + 2y - 23 = 0$
6	$x^2 + 4x + y^2 - 5 = 0$

