

Name: _____

Date: _____

PC: Ellipse

Do Now

Ms. Loughran

1. Given $y^2 + 4y + 2x^2 - 4x + 2 = 0$. Find each of the following.

Center:

Major axis length:

Minor axis length:

Vertices:

Covertices:

Foci:

2. Given $25(y-1)^2 + 4(x+2)^2 = 100$. Find each of the following.

Center:

Major axis length:

Minor axis length:

Vertices:

Covertices:

Foci: