Name:_____   Date:_____

PC: Conic Sections

Do Now: Ms. Loughran

1. Given $5(x+1)^2 + 3y^2 = 15$. Find each of the following.

Center:

Major axis length:

Minor axis length:

Vertices:

Covertices:

Foci:

2. Given $\dfrac{(y+1)^2}{49} - \dfrac{(x-3)^2}{25} = 1$. Find each of the following.

Center:

Vertices:

Foci:

Aymptotes: