Conic Sections CS5: Ellipses

For the following ellipses, find the following:





Write the equation of the hyperbola:



4.



Given the following properties, graph the ellipses and write th equation.

6. The endpoints of the major axis are (-9, 3) &(3, 3), and the endpoints of the minor axis are (-3, 2) &(-3, 4).



7. The center is at (-2, 5), the major axis is parallel to the y-axis and is 10 units long. The minor axis is 4 units long.