Conic Sections CS6: Hyperbolas

For the following hyperbolas, find the following:



Write the equation of the hyperbola:





Given the following properties, graph and write an equation for the hyperbolas.

6. The vertices are (-4, 0) and (4, 0), and the conjugate axis has a length of 10 units.

7. The vertices are (0, 3) and (8, 3). The foci are (-2, 3) and (10, 3).

