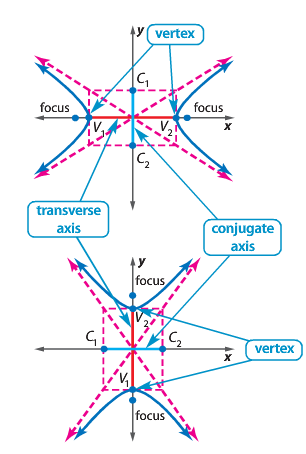
****

Goals:

* I can write equations of hyperbolas.
* I can graph hyperbolas.

**HW: Finish WS**

**Equations of Hyperbolas—**every hyperbola has two axes of symmetry, the *transverse axis* and the *conjugate axis*. They two axes are perpendicular at the center of the hyperbola.

|  |  |  |
| --- | --- | --- |
| **Ellipses** | **Both** | **Hyperbolas** |
| -No asymptotes  -Find *c* value:  -Length of Major/Minor | -Center is the same  -FIND length the same way | -2 asymptotes  -Finding *c* value:  -Length of Transverse/Conjugate |

