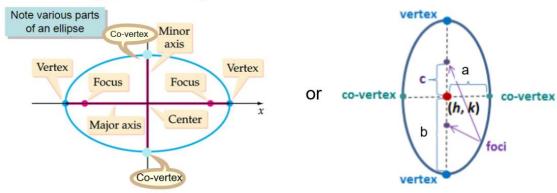
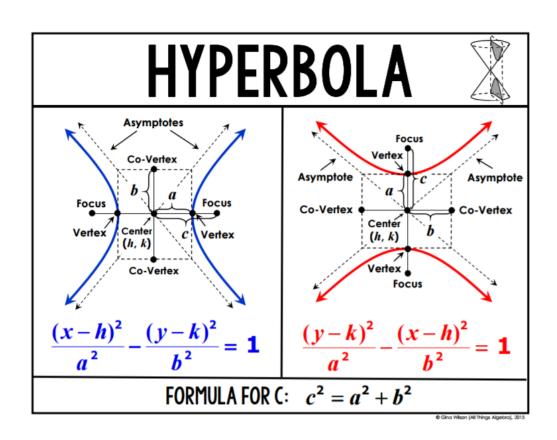


Graph of an Ellipse





How to Identify a Conic Section in General Form

Level 1

- •"Is there only one squared term?"
- ·If 'yes,' it is a parabola.
- •If 'no,' go to Level 2.

Level 2

- •"Are the coefficients of the squared terms equal?"
- ·If 'yes,' it is a circle.
- •If 'no,' go to Level 3.

Level 3

- "Are the coefficients of the squared terms opposite in sign?"
- ·If 'yes,' it is a hyperbola.
- •If 'no,' go to Level 4.

Level 4

•It is an ellipse.

MATHguide.com

