

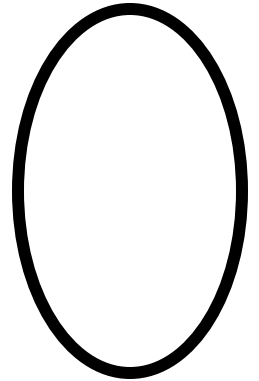
Name \_\_\_\_\_

Date \_\_\_\_\_

### Equations of Ellipses - Guided Lesson

Complete the following problems by find the equations of an ellipses in standard form based on the information that is given.

1)) Has a foci at  $(0, -6)$  and  $(0, 6)$  and vertices at  $(0, -13)$  and  $(0, 13)$ .



2) Has a foci at  $(0, -9)$  and  $(0, 9)$  and vertices at  $(0, -15)$  and  $(0, 15)$ .

3) Has a foci at  $(0, -3)$  and  $(0, 3)$  and vertices at  $(0, -10)$  and  $(0, 10)$ .

