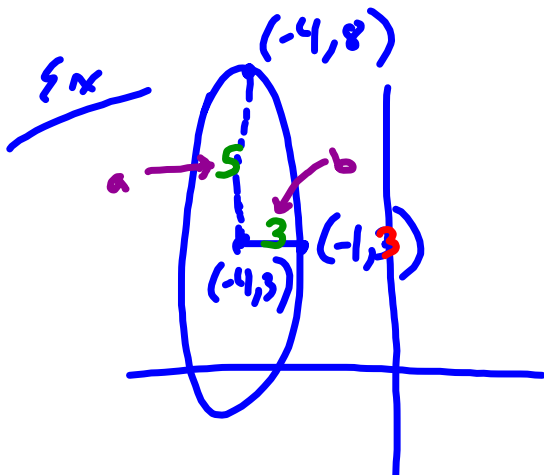
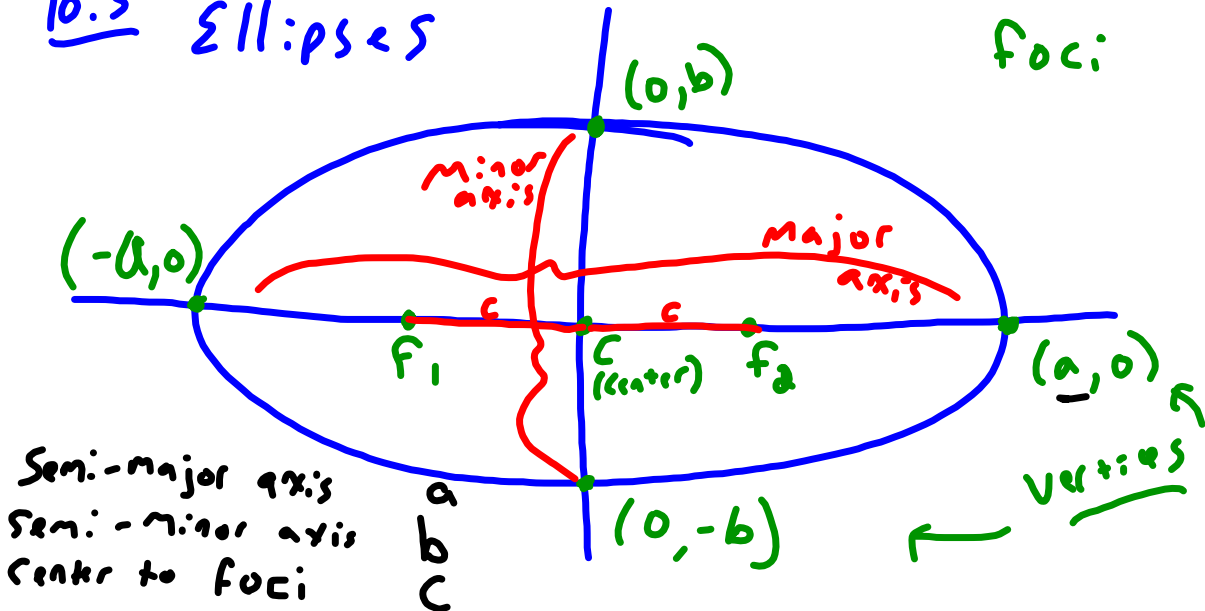


Review

Circles : $(x-h)^2 + (y-k)^2 = r^2$

10.3 Ellipses



center: $(-4, 3)$

$$\frac{(x+4)^2}{9} + \frac{(y-3)^2}{25} = 1$$

To find the foci, we need to find c.

$$c^2 = a^2 - b^2$$

$$c^2 = 25 - 9$$

$$\sqrt{c^2} = \sqrt{16}$$

$$c = \pm 4$$

Foci : $(h, k \pm c)$

$$(-4, 3 \pm 4)$$

$(-4, 7)$ $(-4, -1)$