I. The Ellipse (p.540):

Center: $C(h,k)$

Foci @ $f_1$ & $f_2$

4 Vertices @ $v_1$, $v_2$, $u_1$ & $u_2$

II. Examples (p.548): Exercises #6,8
III. Ellipse w/horizontal major axis (p.544):

where

\[ a = \frac{b + c}{2} \]

2a = length of major axis, 2b = length of minor axis, c = dist. between Ctr & foci

IV. Examples (pp.548-549): Exercises# 12, 24, 32, 40

HW: pp.548-549 / Exercises #5-49(every other odd)