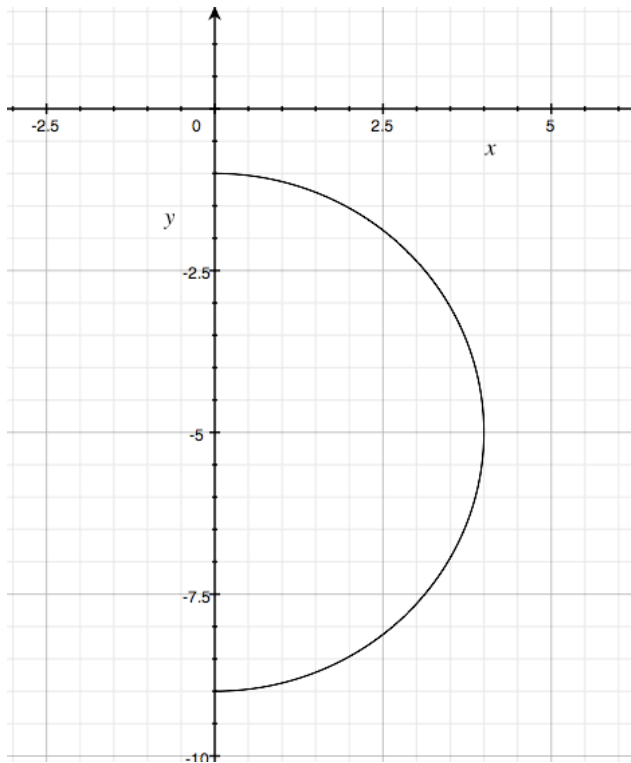


Section 5.4 #9 –

Sketch the graph of the given parametric equations and find its length.

$$x = 4 \sin t, \quad y = 4 \cos t - 5; \quad 0 \leq t \leq \pi$$



Section 5.4 #23

Find the area of the surface generated by revolving the given curve about the x-axis. Note: set up the integral but do not integrate.

$$y = 6x, \quad 0 \leq x \leq 1$$

If time: Section 5.3 #6, 8 or 10 (I haven't decided)