

HW: p.232 / Exercises #17,23,27,29,31,35,39,43,
47,49

Read section 3.4 (pp.223-231)

V. Assorted Examples (pp.232-233):
Exercises #50,62,70

HW: pp.232-233 / Exercises#49,59,63,67,69,73,83

I. Symmetry Again (p.237):

1. $(x, f(x))$ on graph $\Leftrightarrow (-x, f(x))$ on graph when $y = f(x)$ is symmetric w.r.t. the y -axis
2. $(x, f(x))$ on graph $\Leftrightarrow (-x, -f(x))$ on graph when $y = f(x)$ is symmetric w.r.t. the origin
3. A quadratic function (i.e., $y = ax^2 + bx + c$) is symmetric w.r.t. the vertical line, $x = \frac{-b}{2a}$
(axis of symmetry passes through the parabola's vertex)

II. Examples (p.246): Exercises #2,10

HW: p.246 / Exercises #1-11(odd)