For Monday:

½-hour test on graphing probs.

I will want to cover §3.1 afterwards and do Quadratic Inequalities

§3.1 Due Wed:

#s 41-51 (odds), 53-58 ALL, 65, 67, 71, 73

Hand in the following:

I expect to see one thing at the top of each page. Do not write on backs!

① Summary on vertex, pg 260
② Strategy pg 262 (Graphical) } Monday
③ .. pg 263 (Test pts) }

Chapter 3 Early Notes:

Pg 260 – Vertex of a parabola:

A CHEAT around completing the square!

$f(x) = ax^2+bx+c$

$= a(x-h)^2+k$ * $k = f(h)$!

$= a\left(x+\frac{b}{2a}\right)^2 + f\left(-\frac{b}{2a}\right)$

Hand in the following:

I expect to see one thing at the top of each page. Do not write on backs!

1. Summary on vertex, pg 260
2. Strategy pg 262 (Graphical)
3. .. pg 263 (Last pts)

} Due Monday

4. Remainder Theorem, pg 271
5. Factor Theorem, pg 274
6. Fundamental Thm of Algebra
7. Conjugate Pairs Thm, pg 264
8. Descartes' Rule of Signs, pg 285
9. Theorem on Bounds, pg 286

} Wed.