

# Problem Set 5

## Due: Thursday, September 29

Work all of the following problems. A subset of the problems will be graded. Be sure to adhere to the expectations outlined in the *General Problem Set Guidelines Sheet*.

Unless otherwise directed, all problems can be found in the appropriate *Exercises* sections of the text (*Roads to Geometry* by E. Wallace and S. West, 3rd Edition).

1. Section 2.7 # 1 parts (i) - (vii) and (x)
2. Section 3.2 # 6
3. Section 3.2 # 7
4. Section 3.2 # 8
5. “TI-Nspire Activity: Perpendicular Bisectors of Line Segments”: state and prove the conjecture from 1 (f); state the conjecture from 2 (i)