

Problem Set 9

Due: Thursday, November 3

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*.

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 4.2 # 9
2. Section 4.2 # 10
3. Section 4.2 # 13
4. Section 4.2 # 22
5. Section 4.4 # 10
6. Section 4.4 # 15
7. Section 4.4 # 22 (Note: The text calls the desired ratio the *Golden Ratio*, but most people call this ratio the *reciprocal of the Golden Ratio*.)