

Problem Set 2**Advanced Geometry****Due 2/6/19**

Each problem is worth 2 points. Clear and complete justification is required for full credit. You are welcome to discuss these problems with anyone and everyone, but must write up your own final submission without reference to any sources other than the textbook and instructor.

1. Do Exercise 5 in §3.2.
2. Do Exercise 21 in §3.2.
3. Do Exercise 1 in §3.3.
4. One of Euclid's postulates is that any two right angles are equal. With Venema's approach this becomes a theorem. Prove it.
5. Do Exercise 1 in §3.4.

Problem Set 2**Advanced Geometry****Due 2/6/19**

Each problem is worth 2 points. Clear and complete justification is required for full credit. You are welcome to discuss these problems with anyone and everyone, but must write up your own final submission without reference to any sources other than the textbook and instructor.

1. Do Exercise 5 in §3.2.
2. Do Exercise 21 in §3.2.
3. Do Exercise 1 in §3.3.
4. One of Euclid's postulates is that any two right angles are equal. With Venema's approach this becomes a theorem. Prove it.
5. Do Exercise 1 in §3.4.