

# MATH 476 – College Geometry

## Homework Assignment 8 and Proofs 8

**Homework:**

**Not due**

1. **6.5:** 1, 3, 11
2. **7.6:** 2, 4, 5, 13, 19

**Proofs:**

**Due Wednesday, November 29** (5 problems)

1. **6.5:** 2, 4
2. Prove that in neutral geometry, if  $A$  and  $B$  are any two points such that  $AB = \alpha$  and  $C \notin \{A, B\}$ , then  $A - C - B$ .
3. Prove the AAA congruence criterion for spherical triangles.
4. **7.6:** 8