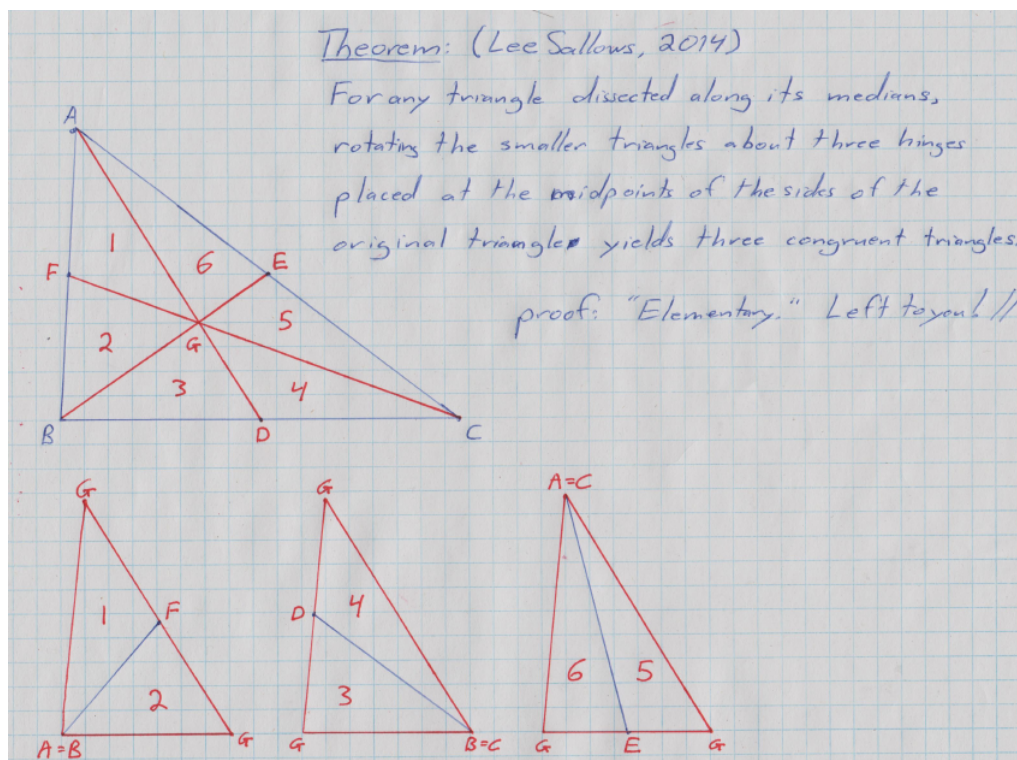


Mathematics 2260H – Geometry I: Euclidean Geometry

TRENT UNIVERSITY, Winter 2021

Assignment #8 – Angle Bisectors

Due on Friday, 19 March.



1. Prove Sallows' Theorem. [5]
2. A *cevian* in a triangle is a line joining a vertex of the triangle to some point on the opposite side of the triangle. Show that if a cevian is any two of a median, an angle bisector, or a perpendicular bisector of a side, then it is also the third. [5]