

Advanced Geometry – Test: Unit 4 Outline

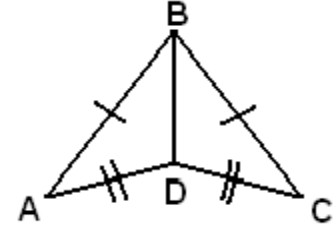
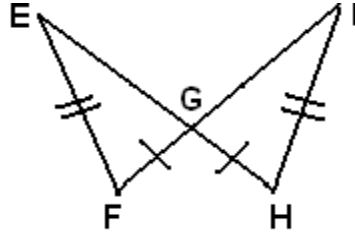
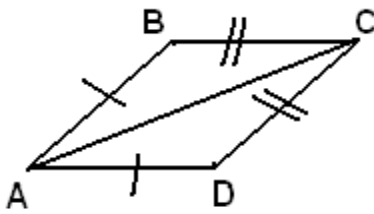
250 Points

Thursday, November 3, 2011

Section 1: Identifying Congruent Triangles

[60 Points]

» See Class Notes, the 20 Point graded assignment, and WA Problem #1.



Section 2: Why do shortcuts work or fail?

[40 Points]

- » See “Triangle Congruence Results” sheet
 - » Be able to explain **WHY!!!!** See that handout for appropriate reasons!
- ** Note: You will likely have 2 to writeup at 20 points each.

MAKE SURE YOU KNOW HOW TO EXPLAIN THESE!!!

Section 3: Proofs

[150 Points]

- » Be able to complete proofs on your own.
- » You will likely be given a list of proofs and told to prove so many of them (will be specified on test).

- Know common items to use (but anything we've covered is fair game!):
 - Complementary / Supplementary Angles
 - Segment / Angle Addition Postulates
 - Overlapping Segments / Angles Theorems
 - Definitions (midpoint, bisector, altitude, median, etc)
 - Parallel Lines / Transversal Results
 - CAP, AIAT, AEAT (Congruent Angles \rightarrow Parallel Lines)
 - CCAP, CAIAT, CAEAT (Parallel Lines \rightarrow Congruent \angle s)
 - Isosceles Triangles (ITT / CITT)
 - Properties of Special Quadrilaterals (POP...)

That's it... BE READY!!

CALCULATORS WILL NOT BE PERMITTED ON THIS EXAM!!