**Chapter 4, 11 Test Topics – 80 pts – Friday-Mon, December 11,14, 2015**

Know parts of isosceles triangle, locate exterior angle of triangle with remote and adjacent interior angles.

Know definitions for similar polygons. Recognize similar figures by definition. Write similarity statement. Describe similarity in terms of transformations, finishing with dilation.

Create a dilation of a polygon using a scale factor. Or find the center of dilation & scale factor.

Know and use Conjectures 17-23,42-43,92-101, particularly triangle shortcuts.

Find unknown sides of similar figures with proportions. Solve indirect measurement problems.

Apply conjectures 100-101 to find unknown segments between parallel lines of triangles AND know when you cannot use these conjectures (like 1-2 on p 607).

Recognize similar right triangles formed by altitude from right angle and find missing lengths.

Apply triangle sum, triangle inequalities, isosceles ∆ conjecture, remote interior ó conj. to find missing measures.

You will have T/F questions. Know your Geometric Truth well!

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