

Geometry

Chapter 5.1 – Triangles/Congruent Triangles “I Can” Sheet

Standards: T.1 / QP.3

I Can...

- Classify triangles by their angles & sides
- Use the classifications to solve for parts of triangles
- Prove triangles are congruent
- Identify corresponding parts of polygons & write accurate congruence statements
- Explain CPCTC & the 3rd angles theorem (and when to use them)

Items in bold should be turned in to me or placed in your binder.

_____ **video notes (3)**

_____ **book assignments (2)**

_____ **worksheet 1**

_____ extra videos (exterior angles & congruence statements)

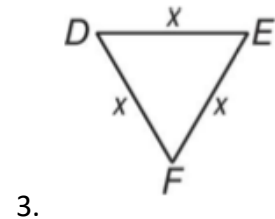
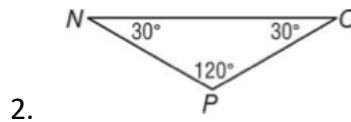
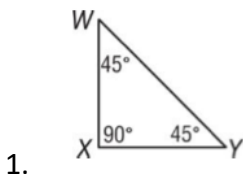
_____ extra worksheets

_____ Pre-mc

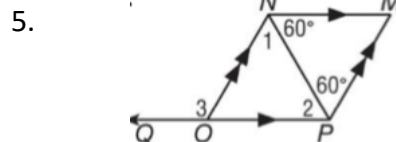
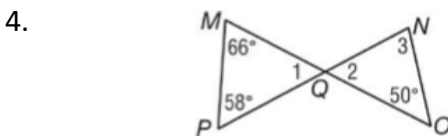
_____ **mastery check**

PRE-MC:

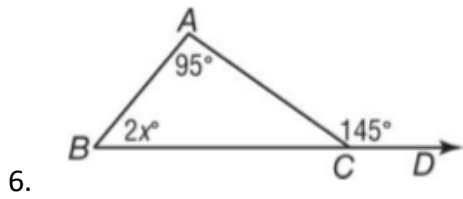
Classify the triangles either by their sides or angles.



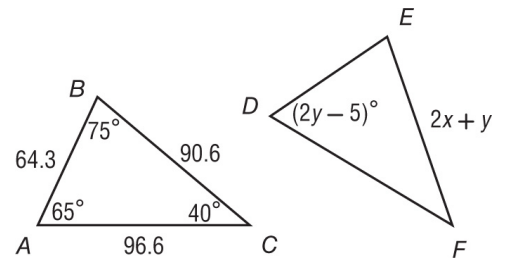
Solve for the missing angle measures. Show work.



Geometry



7. In the diagram, $\triangle ABC \cong \triangle DEF$. Find the values of x and y .



8. Draw two congruent polygons, with labels. Mark the corresponding sides & angles, then write a congruence statement.