Learning Target 17 Guided Notes Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_

Congruence Statements

congruent –

congruent triangles -

corresponding parts –



**A. If these two triangles are congruent then name the name the corresponding parts.**



**B. Error Analysis: Identify which congruence statements are erroneous.**



**C. The support beams on the fence form congruent triangles. In the figure Δ*ABC* ≅ Δ*DEF*, which of the following congruence statements correctly identifies corresponding angles or sides*?***

 



**D. In the diagram, Δ*ITP*  Δ*NGO*. Find the values of *x* and *y*.**



**E. In the diagram, Δ*FHJ*  Δ*HFG*. Find the values of *x* and *y*.**

