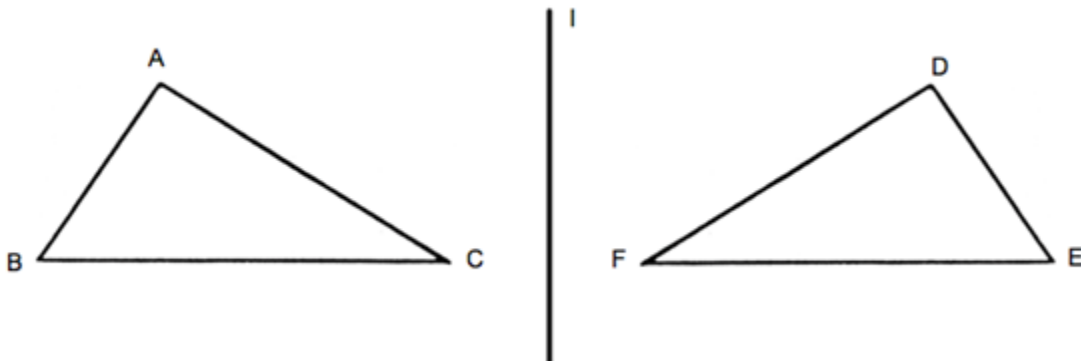


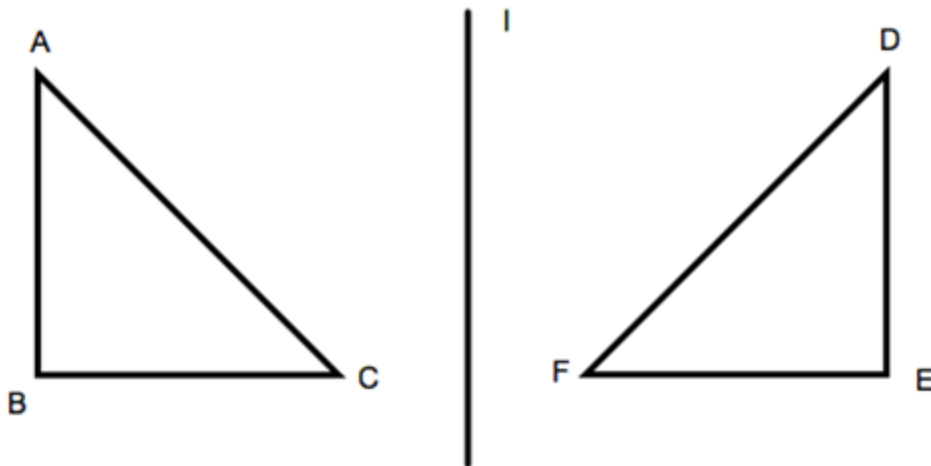
Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_  
Congruence and Transformations

Notes from the Video:

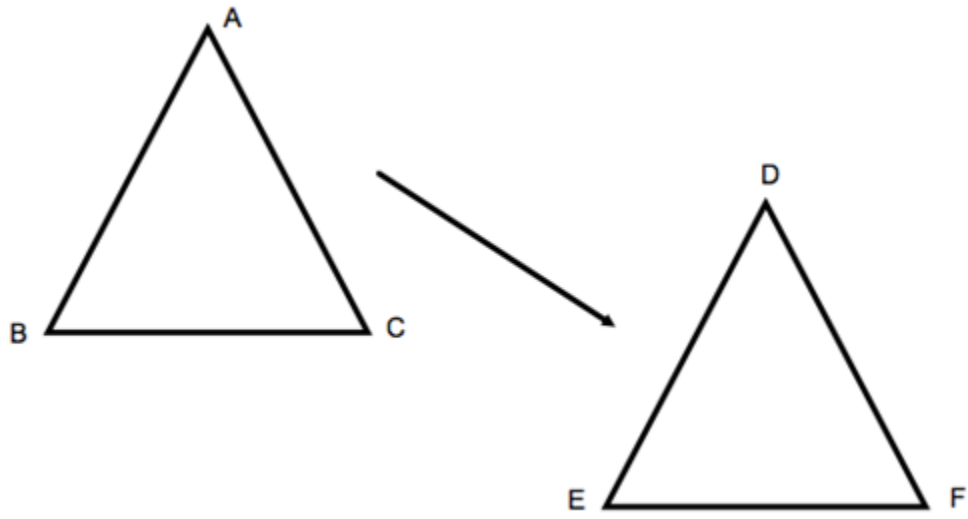
Example 1



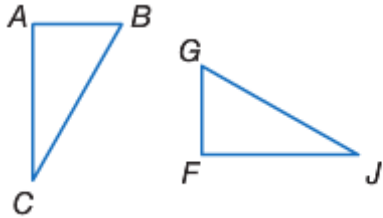
Example 2



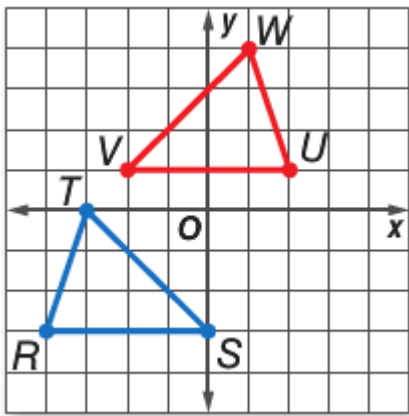
Example 3



1. Write congruence statements comparing the triangles and their corresponding parts.



2.  $\triangle RST$  is congruent to  $\triangle UVW$ . Write congruence statements comparing the corresponding parts. Then determine which transformation(s) map  $\triangle RST$  onto  $\triangle UVW$ .



3. In the figure,  $\triangle ABC \cong \triangle EBD$ .  
 A. On the figure, draw arc and tic marks to identify the corresponding parts.  
 B. Find the value of  $x$ .

