

Name:

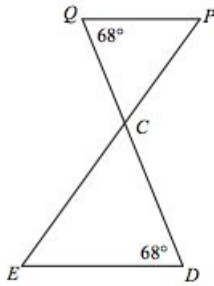
Date:

*Is skilled at proving theorems involving similarities and congruence of triangles.*

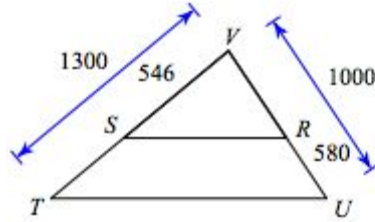
### Similarity Practice Quiz 1

Are the following triangles similar? If yes, by which theorem?

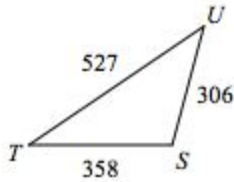
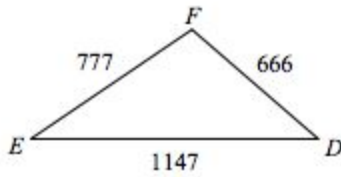
1)



2)



3)



The following triangles ARE similar. Find the missing parts.

A girl, 160 cm tall, stands 360 cm from a lamp post at night. Her shadow from the light is 90 cm long. How high is the lamp post?