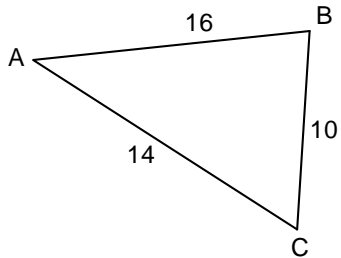


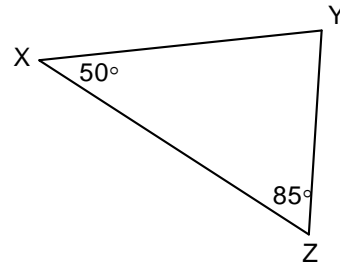
Name _____ Date _____

Mixed Review 8

1) Name the largest angle.



2) Name the shortest side.



3) Is it possible to construct a triangle with the given lengths?

a. 7, 8, 19

b. 7, 14, 21

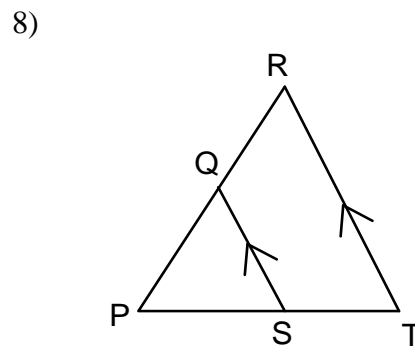
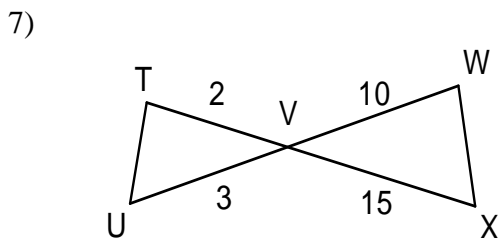
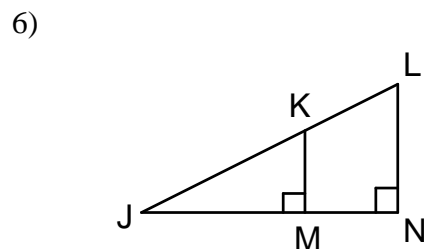
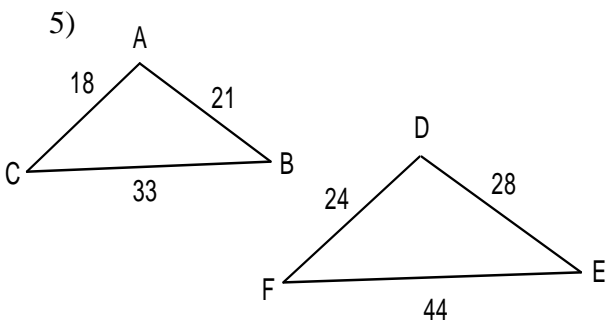
c. 9, 4, 18

4) Determine the possible length of the third side of a triangle.

a. 6, 11

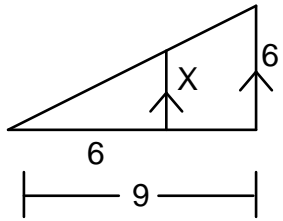
b. 10, 17

Give the postulate or theorem that proves similarity.
Name the similar triangles.

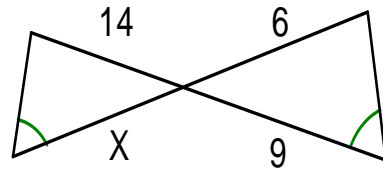


Find x. Assume the triangles are similar

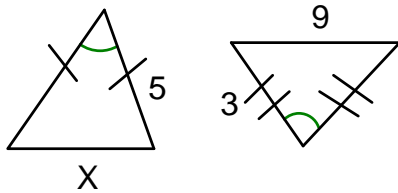
9)



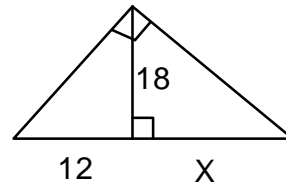
10)



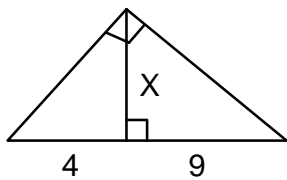
11)



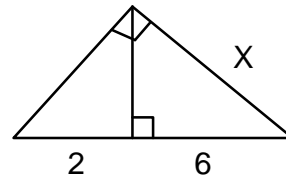
12)



13)

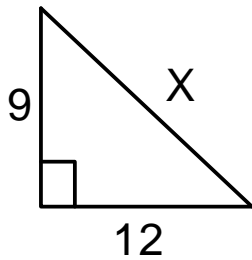


14)

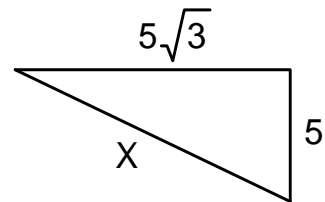


Use the Pythagorean Theorem

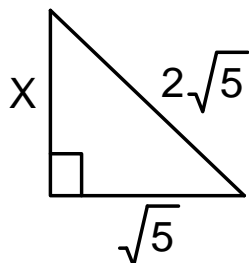
15)



16)



17)



18)

