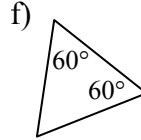
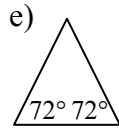
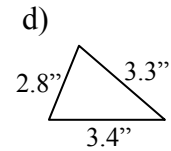
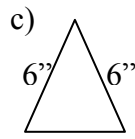
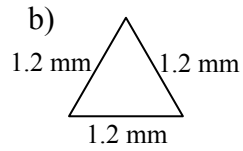
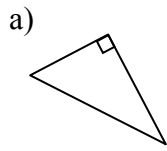


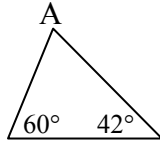
Trigonometry  
Quiz 1 – Triangle Properties and Geometry Review

Directions: Unless otherwise indicated, round all answers to the nearest tenth.

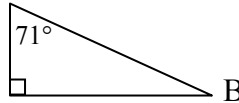
1) Classify each triangle as **scalene**, **isosceles**, **equilateral** or **right**.



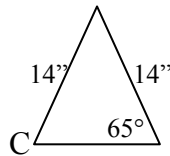
2) Determine the size of angle A.



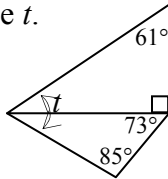
3) Determine the size of angle B.



4) Determine the size of angle C.



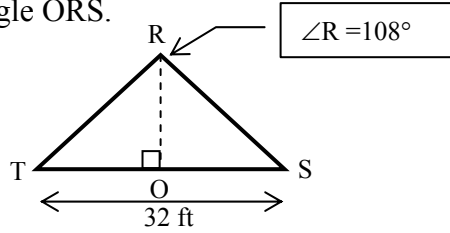
5) Determine the size of angle  $t$ .



Trigonometry  
 Quiz 1 – Triangle Properties and Geometry Review

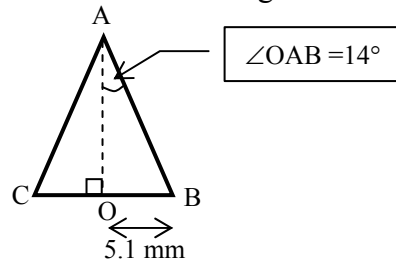
6) If an altitude is drawn in isosceles triangle RST from vertex R to point O on side TS, determine the length of OS and measure of angle ORS.

OS: \_\_\_\_\_  
 $\angle$ SRO: \_\_\_\_\_

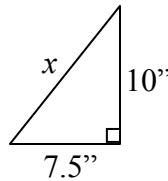


7) An altitude AO is drawn in isosceles triangle ABC. Dimension OB is 5.1 mm and angle OAB is  $14^\circ$ . Determine the length of BC and the measure of vertex angle A.

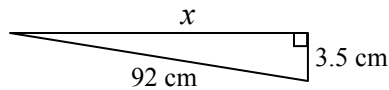
BC: \_\_\_\_\_  
 $\angle$ A: \_\_\_\_\_



8) Compute the length of dimension  $x$ .



9) Compute the length of dimension  $x$ .



10) Compute the length of dimension  $x$ .

