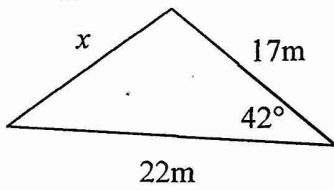


HW 115 Law of Cosines

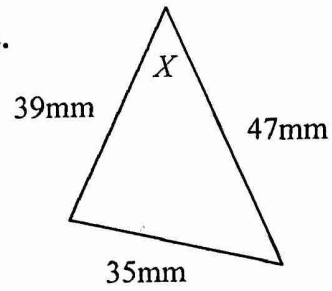
Name: \_\_\_\_\_

Solve for  $x$ . Round to the nearest tenth when necessary.

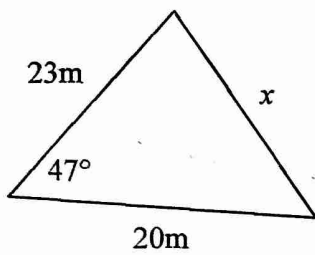
1.



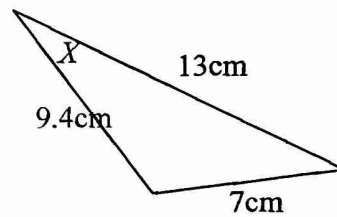
2.



3.



4.

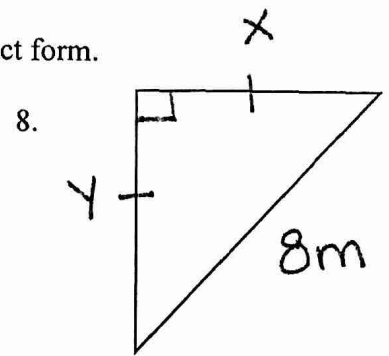
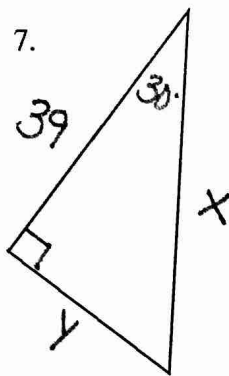
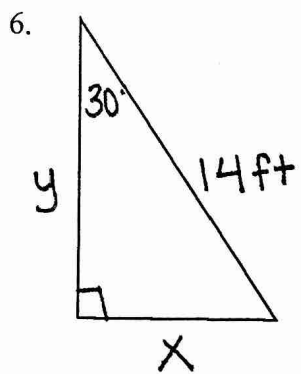


Solve for all missing sides and angles in each triangle. Round to the nearest tenth

5.  $\triangle XYZ$ :  $x = 29m$ ,  $y = 15m$ ,  $\angle Z = 122^\circ$

$X =$  \_\_\_\_\_  $Y =$  \_\_\_\_\_  $Z =$  \_\_\_\_\_

Solve the following using special right triangles. Leave all answers in exact form.



Solve for x

