

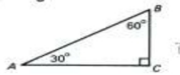
Name _____
Algebra B HW

Date _____
Period _____

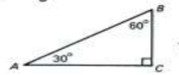
Special Right Triangles Worksheet

Directions: Using the given information, find the indicated length.

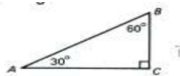
#1) $AB=14$; $BC=$



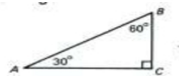
#2) $BC=7$; $AB=$



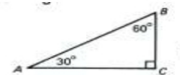
#3) $BC=8$; $AC=$



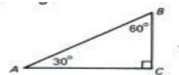
#4) $AB=16$; $AC=$



#5) $AC=9\sqrt{3}$; $BC=$

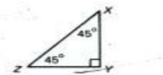


#6) $AC=4\sqrt{3}$; $AB=$

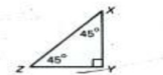


Directions: Using the given information, find the indicated length.

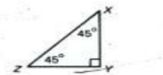
#7) $XY=7$; $XZ=$



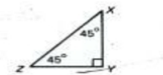
#8) $YZ=10$; $XZ=$



#9) $XZ=11\sqrt{2}$; $YZ=$



#10) $XZ=10$; $XY=$



#11) A ladder leaning against a wall makes a 60 angle with the ground. The base of the ladder is 3 m from the building. How high above the ground is the top of the ladder?