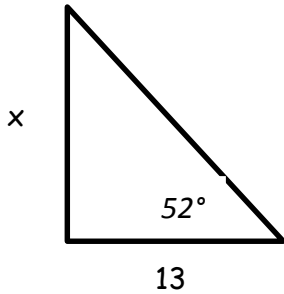


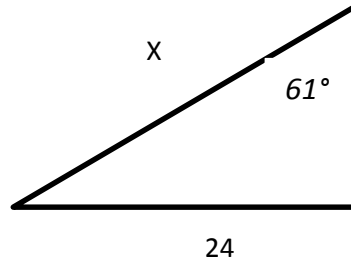
6.4 Finding Missing Side Lengths Using Trigonometric Ratios

Each is a Right triangle. Find x . Round to the nearest hundredth.

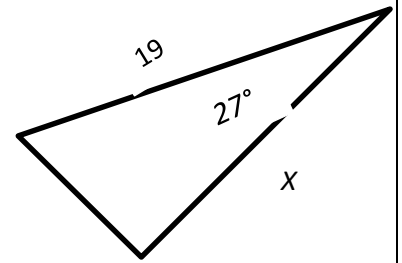
1.



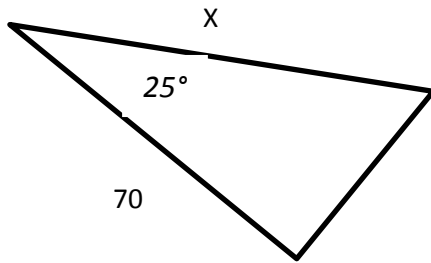
2.



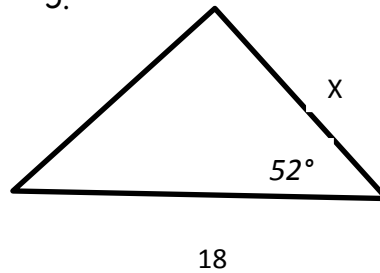
3.



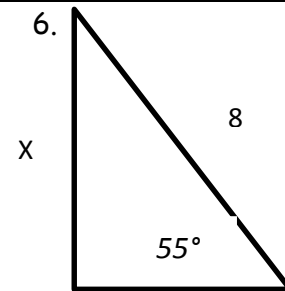
4.



5.



6.



7. The top of a ladder that is 10 meters long leans against the top of a building. If the ladder creates a 62° angle with the ground, how tall is the building? Draw a diagram to illustrate the situation. Show all of your work.

