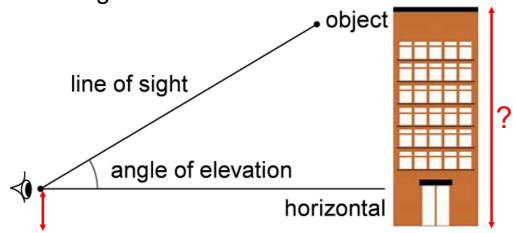
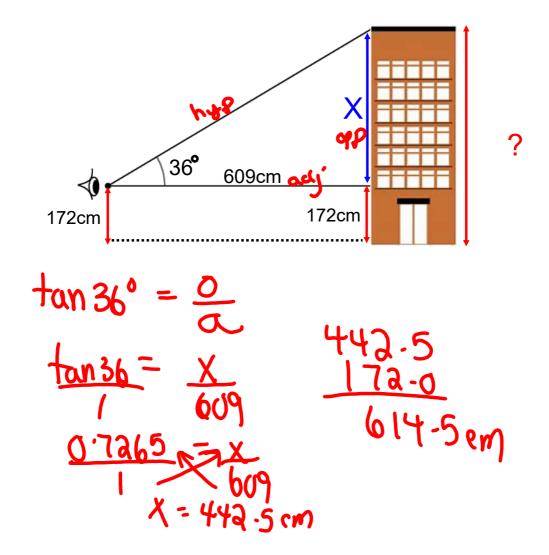
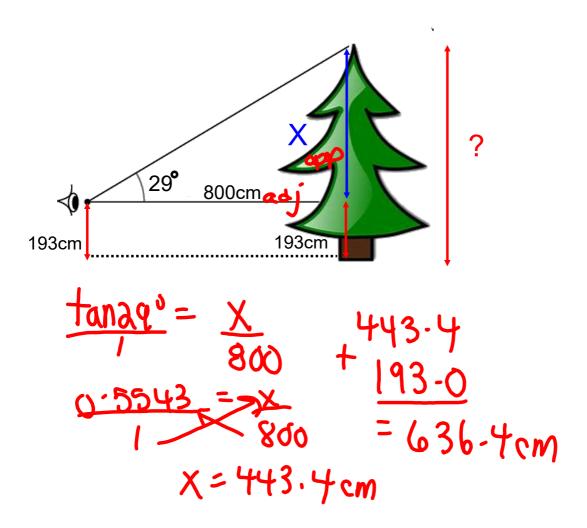
Jennifer, who is 172 cm in height, is using a clinometer and determines that the angle of elevation to the top of a nearby building is 36 degrees. If Jennifer is standing 609 cm away from the building, what is the height of the building?





Tom, who is 193 cm in height, is using a clinometer and determines that the angle of elevation to the top of a nearby tree is 29 degrees. If Tom is standing 800 cm away from the tree, what is the height of the tree?



Jack, who is 1.85 m in height, is using a clinometer to determine the angle of elevation to the top of a nearby building. Tom is standing 7 m away from the building. If Tom determines the height of the building to be 25m, what angle of elevation did the clinometer measure?

