ame	Date
TRIG WO	ORD PROBLEMS
	problem and show the trig function used to solve the problem!
40 foot ladder which is leaning agai round. Find the angle that the ladder	nst a wall reaches the wall at a point 36 feet from the makes with the ground.
and the angle of elevation of the sun	when a 24 foot tree casts a shadow of 36 feet.
	I an observer is 120 feet from the base of the tower. Find e tower from the place where the observer is standing.
ie angle of elevation to the top of the	e tower from the place where the observer is standing.
boy flying a kite lets out 150 feet of ring forms a straight line, how high i	string that makes an angle of 64° with the ground. If the s the kite above the ground?
n airplane climbs at an angle of 11° v as attained an altitude of 400 feet.	with the ground. Find the distance it has traveled when it