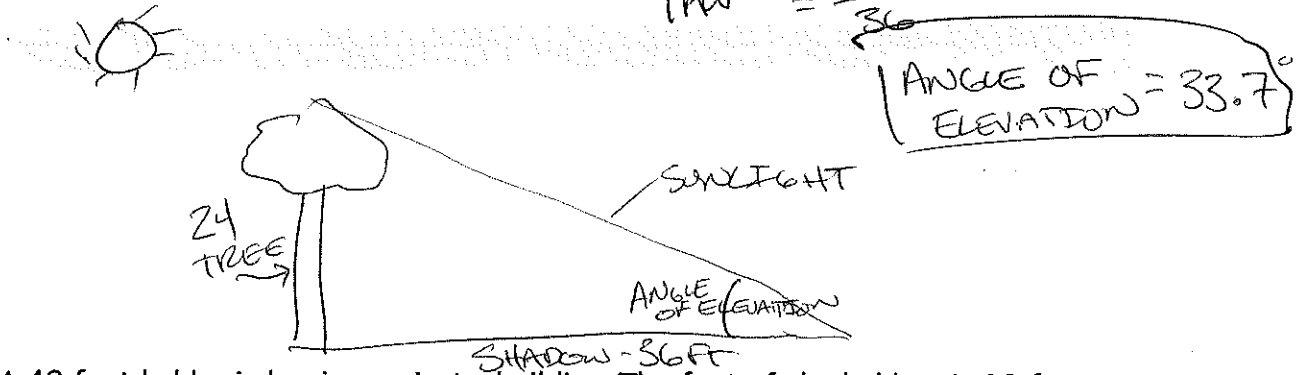
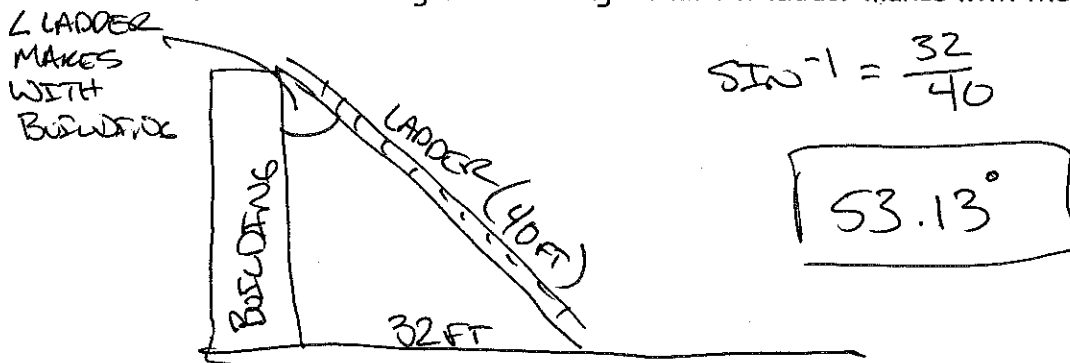


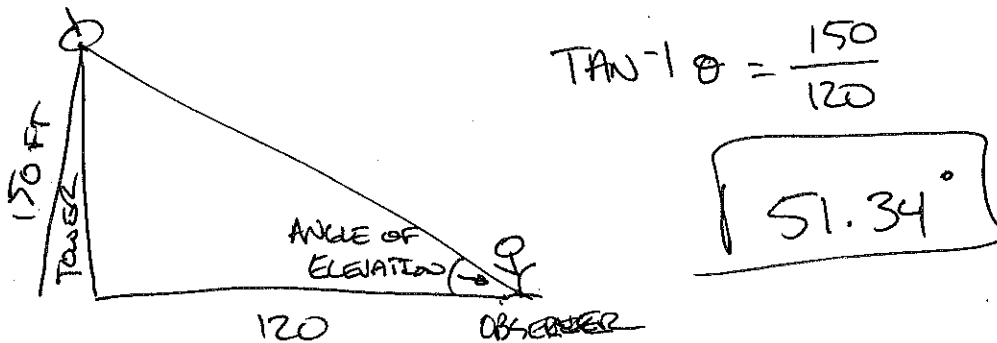
5. Find the angle of elevation of the sun when a 24 foot tree casts a shadow of 36 feet.



6. A 40 foot ladder is leaning against a building. The foot of the ladders is 32 feet from the building. Find the angle that the ladder makes with the building.



7. A television tower is 150 feet high and an observer is 120 feet from the base of the tower. Find the angle of elevation to the top of the tower from the place where the observer is standing.



8. A 40 foot ladder which is leaning against a wall reaches the wall at a point 36 feet from the ground. Find the angle that the ladder makes with the ground.

