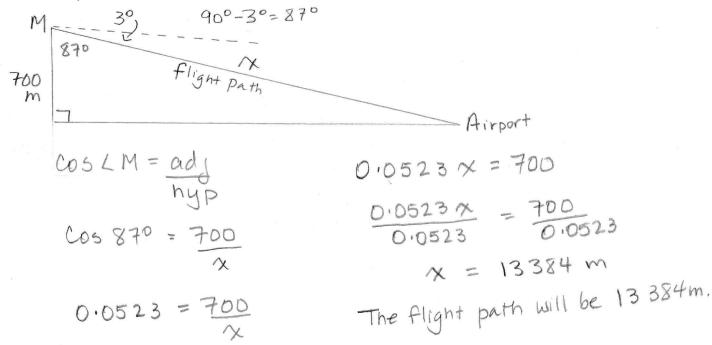
1. Marico has his own small plane. He is planning his approach to the local airport. He wants the angle of depression to be 3°. He is currently at an altitude of 700 m. What will be the distance he travels along the flight path as he descends to the airport?



2. Qaiyaan is 1.5 m tall and is standing at the top of a 85 m cliff at the edge of a lake. Her friend, Sarii is in a boat on the lake. From the boat, Sarii observes that the angle of elevation to the top of Qaiyaan's head is 29°deg. Determine the distance between the boat and the base of the cliff?

$$5 29^{\circ} 10^{\circ} 10^{\circ}$$