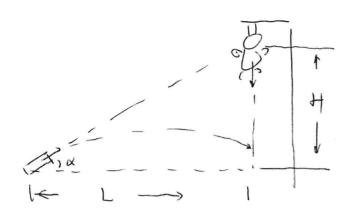
The monkey and the hunter problems.



The time it takes for the bullet to reach the monkey $t = L / v \cos \alpha$

As a result, the position of the bullet at time t $y_i = (v \sin \alpha)t - \frac{1}{2}gt^2 = L \tan \alpha - \frac{1}{2}gt^2$

the position of the monkey at time t

72 = H - 1 3+2

Since L= H/tanx, 4= 42 Monkey will be hitted!