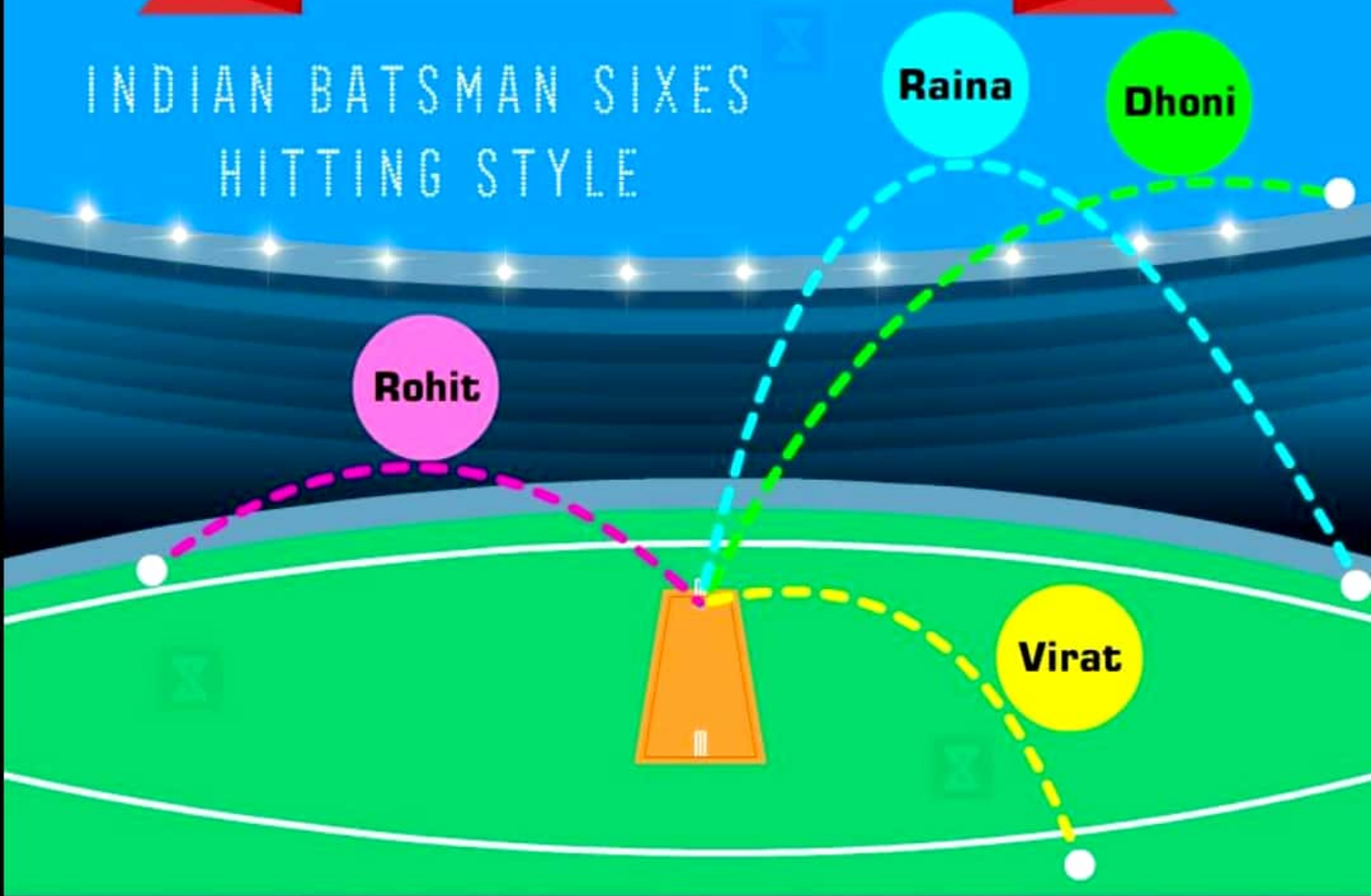


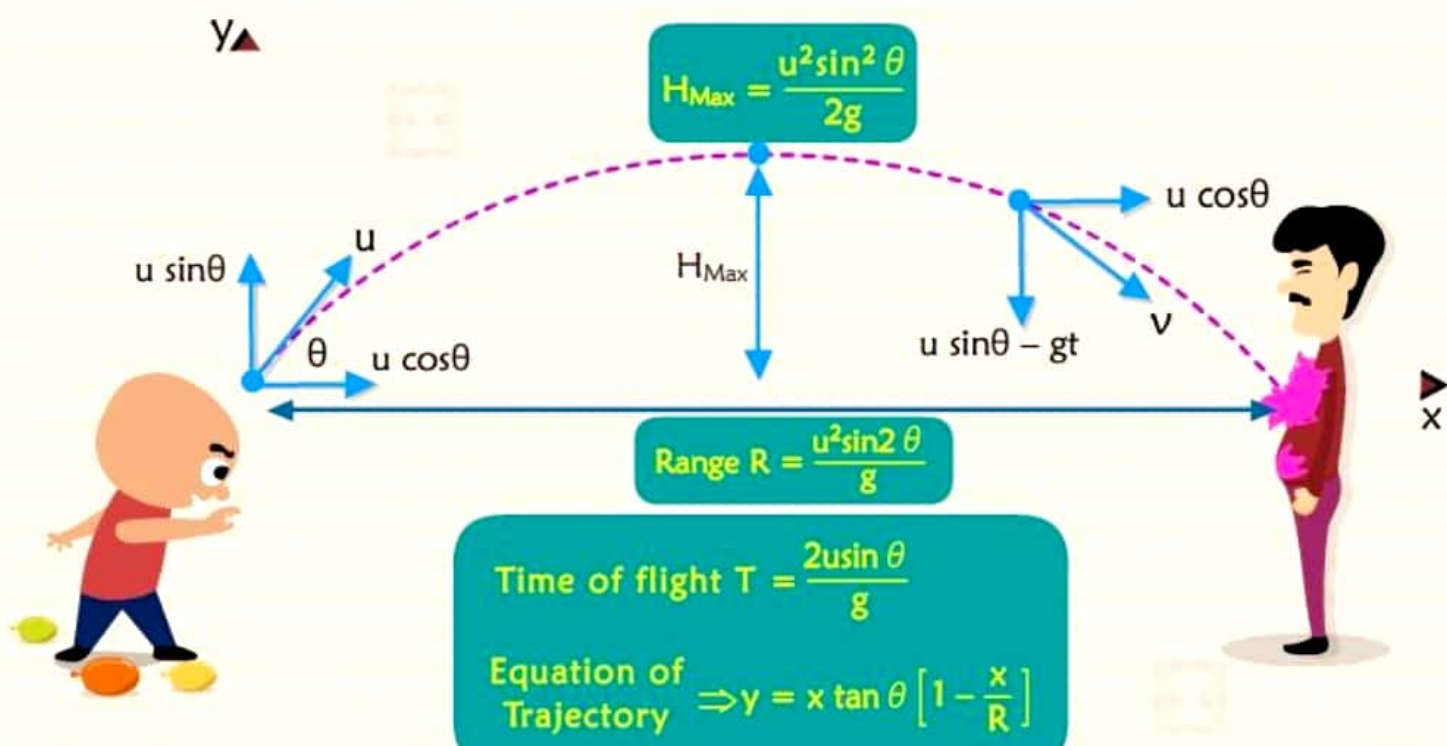
PROJECTILE MOTION

Part I

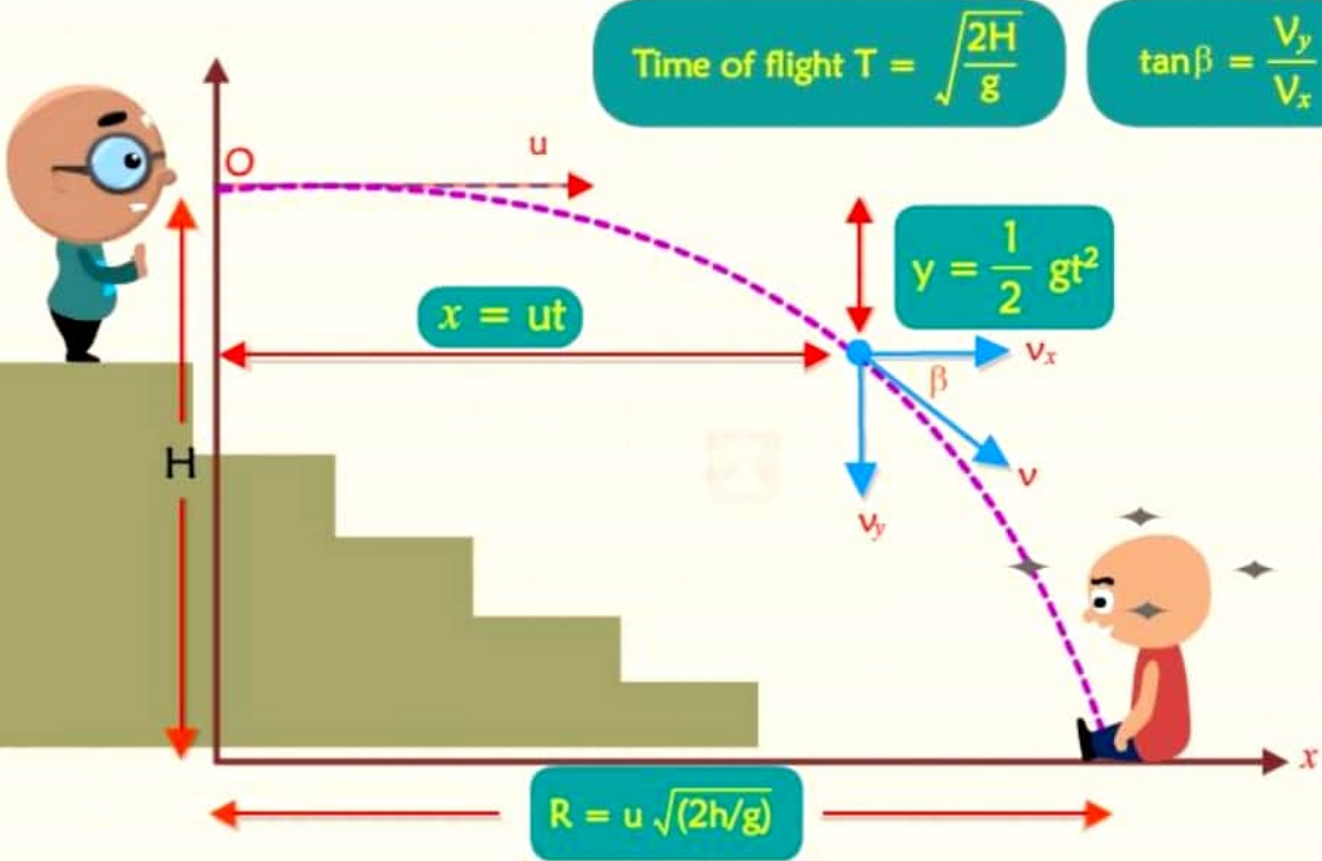
INDIAN BATSMAN SIXES
HITTING STYLE



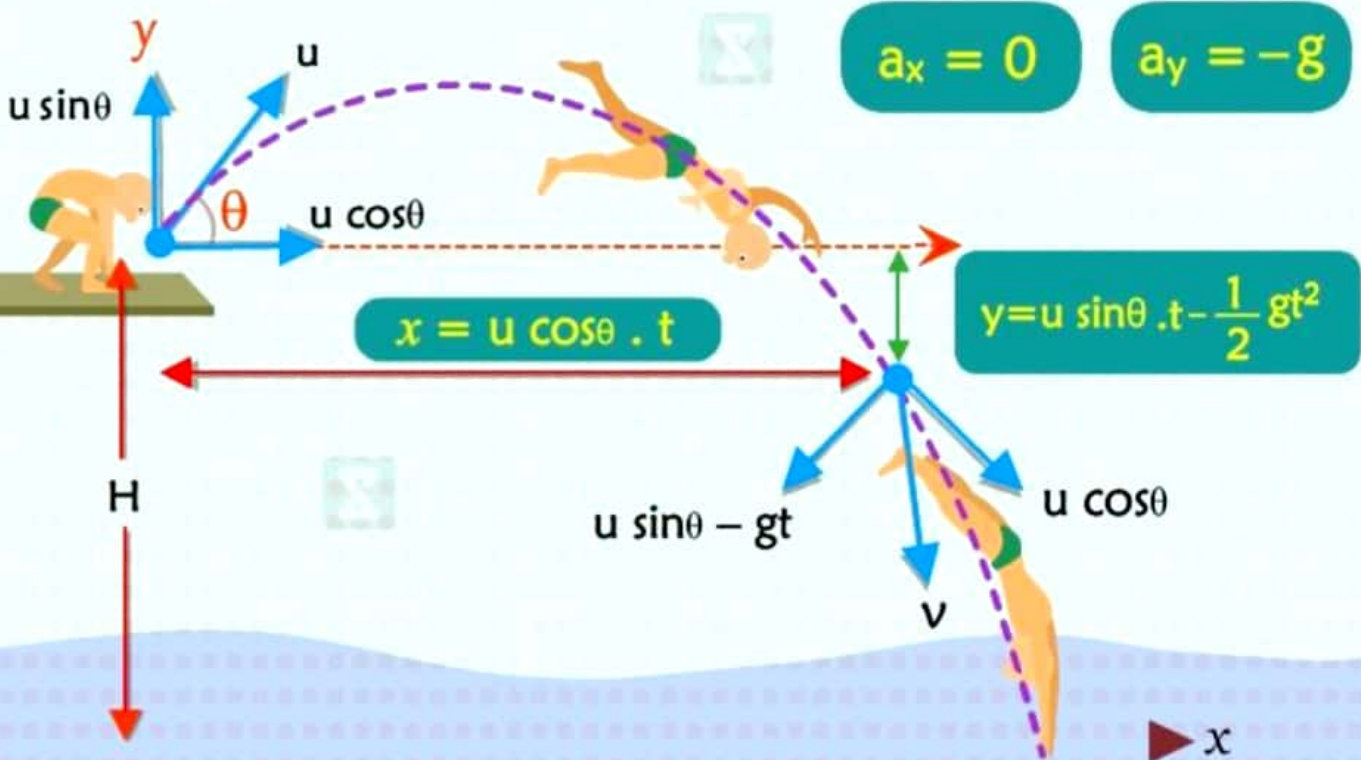
1 BASIC PROJECTILE MOTION



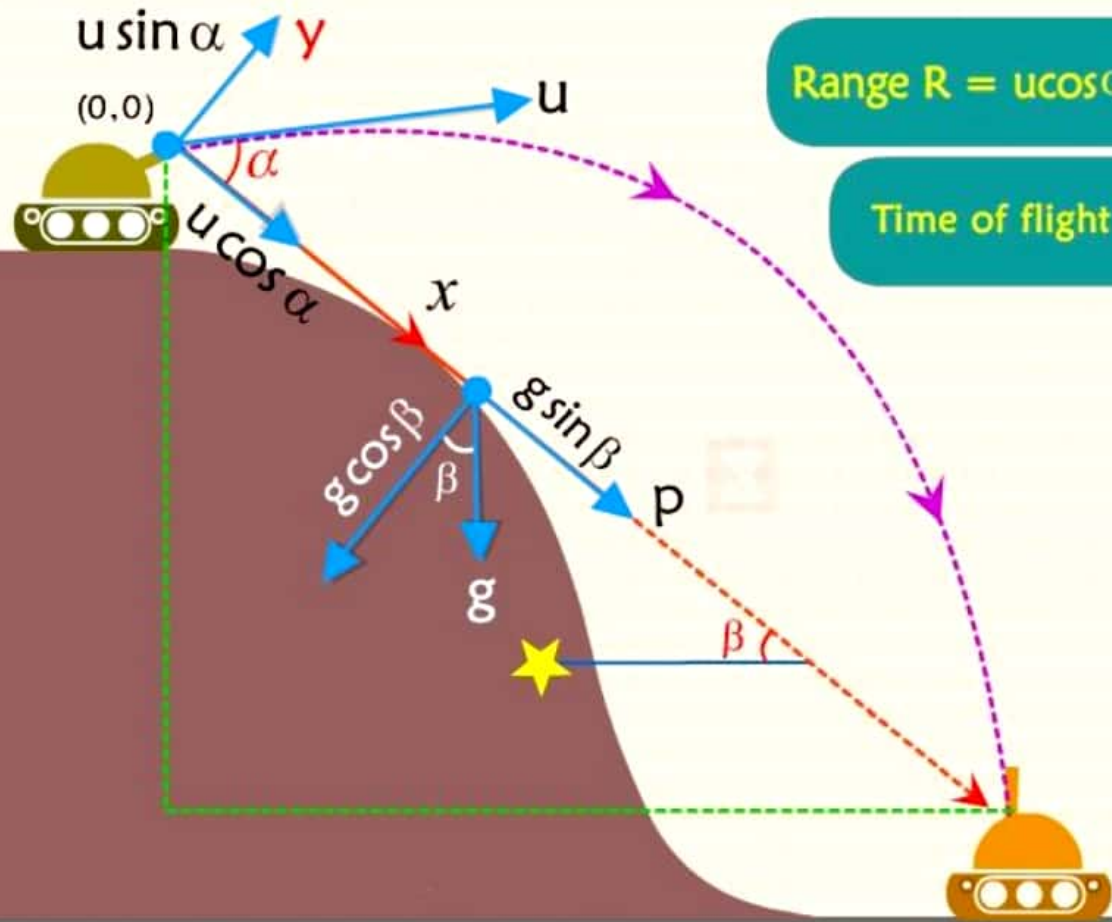
2 PROJECTILE FIRED PARALLEL TO HORIZONTAL



3 PROJECTILE AT AN ANGLE θ FROM HEIGHT 'H'



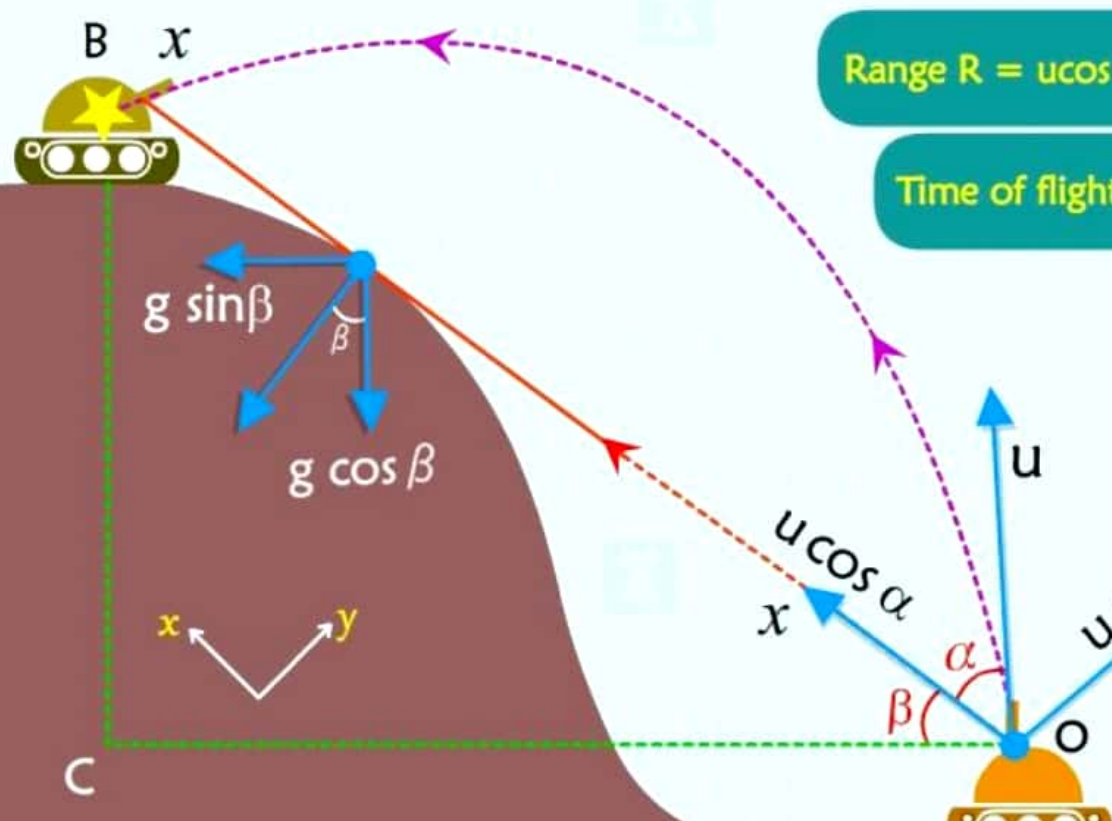
4 PROJECTILE MOTION DOWN THE INCLINED PLANE



Range $R = u \cos \alpha T + \frac{1}{2} g \sin \beta T^2$

Time of flight $T = \frac{2u \sin \alpha}{g \cos \beta}$

5 PROJECTILE MOTION UP THE INCLINED PLANE



Range $R = u \cos \alpha T - \frac{1}{2} g \sin \beta T^2$

Time of flight $T = \frac{2u \sin \alpha}{g \cos \beta}$