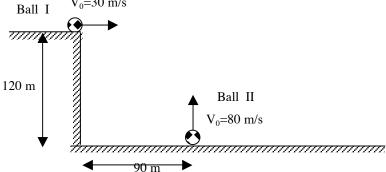
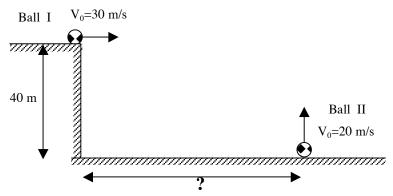
W2.07-H

PROJECTILES 3

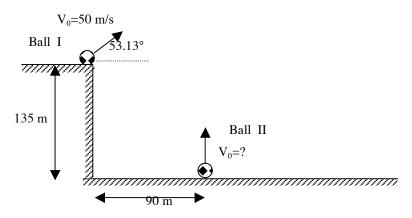
1] Relative to when ball I is shot, when should ball II be shot so that the two balls collide in the air? Roll I $V_0=30 \text{ m/s}$



2] If both balls are shot at the same time and hit in mid-air, how far from the base of the cliff was ball II when it was shot?



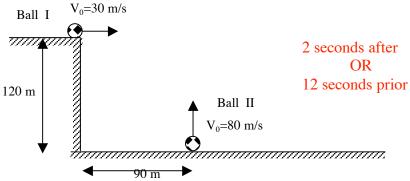
3] Relative to when ball I is shot, when should ball II be shot so that it hits ball I just when it (ball II) reaches its peak?



W2.07-Н

PROJECTILES 3 - KEY

1] Relative to when ball I is shot, when should ball II be shot so that the two balls collide in the air?



2] If both balls are shot at the same time and hit in mid-air, how far from the base of the cliff was ball II when it was shot?

