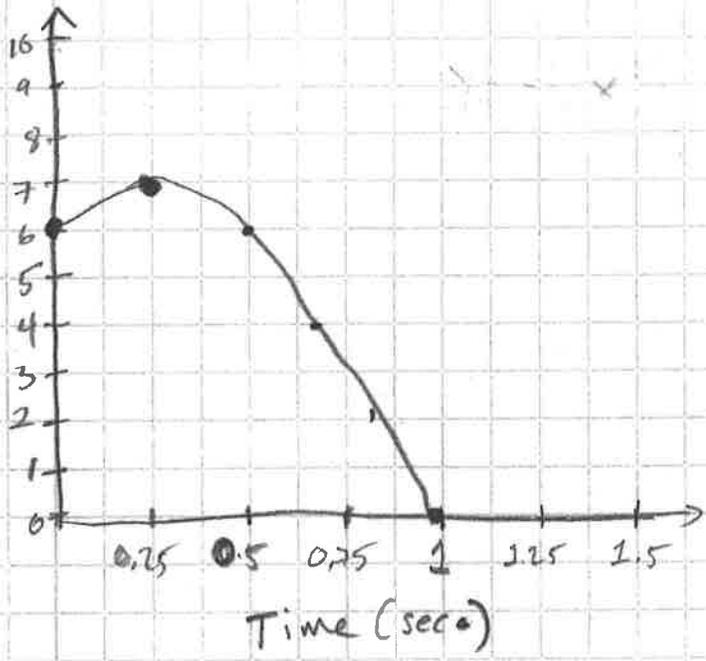


(A)



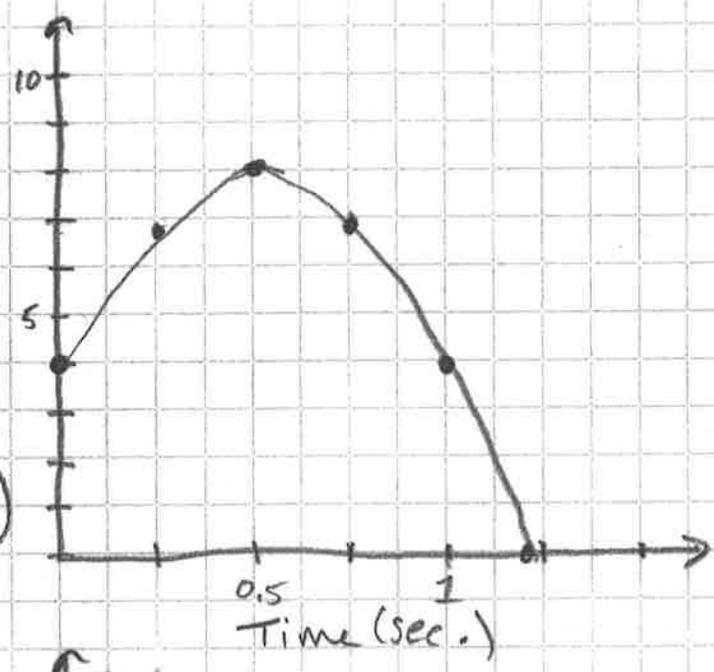
Release Height :

Max. Height :

Time to max. height :

Total Flight Time :

(B)



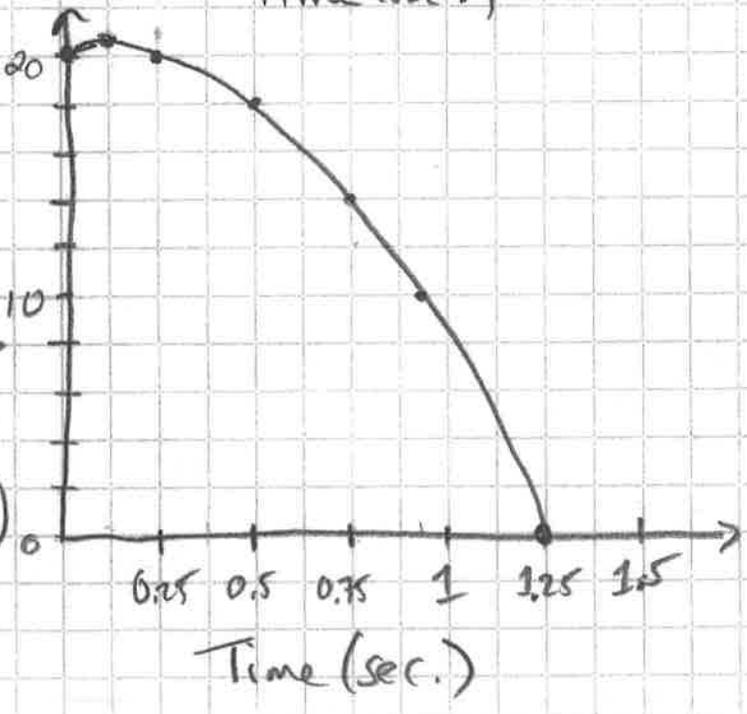
Release Height :

Max. Height :

Time to max. height :

Total Flight Time :

(C)

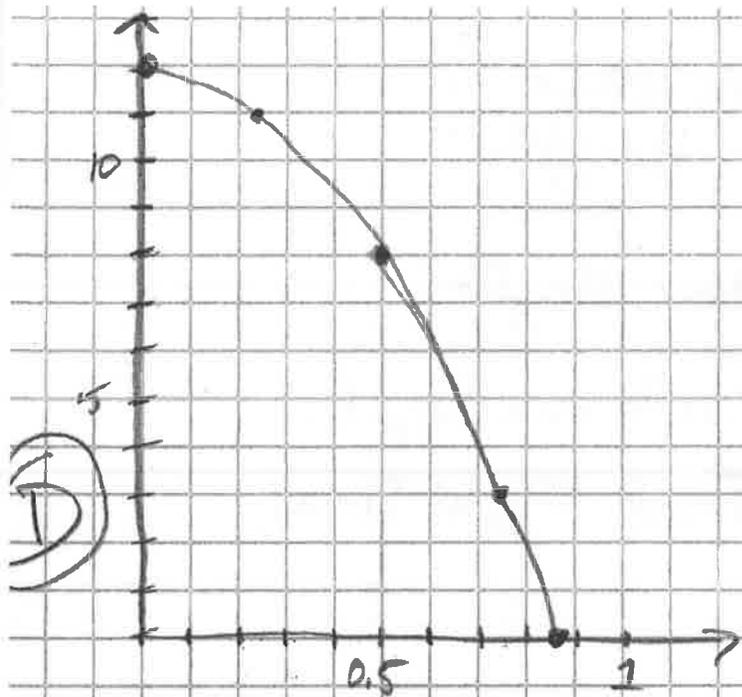


Release Height :

Max. Height :

Time to max. height :

Total Flight Time :



Release Height:

Max Height:

Time to max. height:

Total Flight Time:

① $-16x^2 + 4x + 20$

② $-16x^2 + 16x + 4$

③ $-16x^2 + 12$

④ $-16x^2 + 8x + 6$

Newton's Law of Gravitation

"Any two bodies in the universe attract each other with a force that is directly proportional to their masses and inversely proportional to the square of their distance apart"