20-P-KM-AF-006 Rectilinear Erratic Motion: Intermediate Q: The plane travels in a straight line, the graph below describes it's motion The plane starts at rest. Create a a-s graph and find the value of acceleration s. A.B. D [ask for of the equit possible] is will update when can have equs A: the two eans be answers 06568 4= -1/8 5 + 14 use ads = vdv => a = vdv/ds = [-1/8 s +14] d [-1/8 s +14] a = 1/64 s - 7/4 y = -3.25 (5-8)2 +13 use ads = \sqrt{dv} = $[-3.25(6-8)^2 + 13]$ d $[-3.25(5-8)^2 + 13]$ $a = 6.25 (5-8) [3.25 (5-8)^2 + 13]$ Ly plug in the A,B, C is =91 () 180668

