17W Day 2 Position, Displacement + Velocity in 10 pg 8 1.1 Pl-3, pg 13 5#3, 1.2 P#1 pg 16 Dar = Da, + 11 d2 + Das 1. Dal 2? = 400m [N) + 20,0m [N] + 600 on [N] Sai Horontal 15 d2 = 20 on (N) = 160.0 m [N] 100,0m (N) Ddr=Dd,+ Ddz 2, 5d, = 0.75m [R] = 8.75m + (3.50m) 5d2 2 3.50m [L) Ste-? = 2.75m = 2,75m [L) Let R=+ 3. Ddz 1. FOM back+forth △d-2? DOT = 4 Dd = 4 (1.70m) = 6.80m DORZO PS 13 S#3 (angerina Kayak C) DdTZ Dd, + Ddz b) \[ \diz \di \di \di \di \\ \diz \] DJ= 16 Km (5) ~ = 16m(5) + 23. Km [w) = 16m+ 23m =39m Ldz = 23 km [w] = 16m-23 km ari Ezt df2? - total distarcis = -8.0 Km & drz? gratuttar Z 8.0 Km [W] displacementas howert a) JE = 8.0 km [W) of carysite East + west.

 $\frac{1.2}{pg} \frac{16}{16} \frac{P_{1,2}}{2}$   $\frac{1}{2} \frac{1}{pg} \frac{16}{16} \frac{P_{1,2}}{2}$   $\frac{1}{2} \frac{1}{pg} \frac{1}{16} \frac{P_{1,2}}{2}$   $\frac{1}{2} \frac{1}{pg} \frac{1}{16} \frac{P_{1,2}}{2}$   $\frac{1}{2} \frac{1}{pg} \frac{1}{16} \frac{P_{1,2}}{2}$   $\frac{1}{2} \frac{1}{pg} \frac{1$ 

2)  $\Delta d_1 = 100 \text{ om } (F)$   $\Delta d_2 = 200. \text{ on } (Ve)$   $\Delta d_3^2 = 400. \text{ om } (F)$   $\Delta t_1 = 9.84s$   $\Delta t_2 = 19.32s$   $\Delta t_3 = 1.90 \text{ om } (F)$   $\Delta t_4 = 19.32s$   $\Delta t_5 = 1.90 \text{ om } (F)$   $\Delta t_7 = 200. \text{ om } (F)$   $\Delta t_7 = 200. \text{ om } (F)$   $\Delta t_7 = 10.352 \text{ m/s } (F)$   $\Delta t_7 = 10.352 \text{ m/s } (F)$   $\Delta t_7 = 400. \text{ om } (F)$   $\Delta t_7 = 10.3 \text{ m/s } (F)$ 

-351mb(P)

Vay

2

100.0m +200.0m +400.0m) [F]

9,84 + 19.32 + 114

2

700.0m (F)

257, 165

2 4.89 m/s (F)