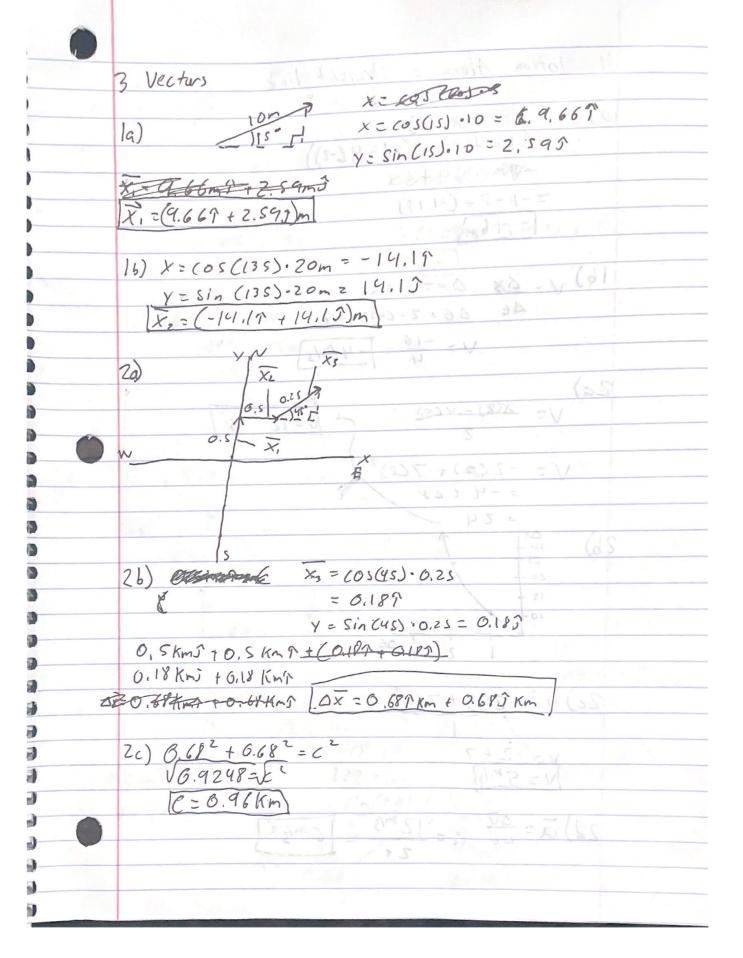
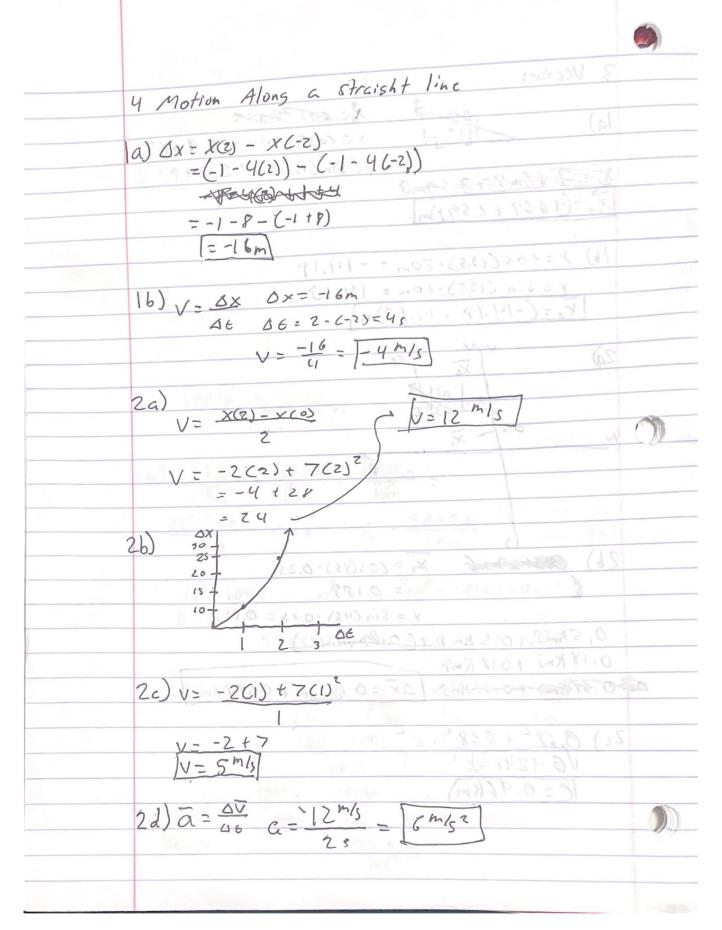
11		
	Midtem 1 worker	
	/ Malon I	
	4 Court 2 was 1 1 and 1	
	2) Estimation & Unit Analysis & And	
	elies and a sur su (I	
	1d) 6-1.5s (8) x - (8) x - (8) x - (8)	
	1 = 0.5 Km 3021 = 0 D	
	J = 0,5 Km 500m 500m	
	1 SKm 1000m Soom Since it bonces beck	
	1.55 You Meed	
THE STATE OF THE S	1 322 1 5	
	V=E	
	XAX	
	0.5 Km 03 - 6.	
- L	The Bare w	
A	V= 1000m = 666.7 m/s	
	1.50	
	(b) x(b) = 1/2 db + 1/1 b - x;	- D7
	(b) Km. 695 60min	
	16) 18 . 695 . 60min	
	20.5 Km 6 6 - Km/ 36605 - Tours Km/	
	20.5 km = 6.667 km/s . 36605 = [2400 km/hr]	
	08	
	2a) Im = 100cm Im = 103 = 1060000cm2	
	(a) 1m - 100cm	
	6.25m ³ 6.25m ³ 1000000 = 250,000 cm ³	
	0.25 m = 1000000 = 12 30,00 - Cm	
	Jan	
	26) 100 km/hr 100 km. 12r. 802 1000m	1
	1 hr 60 pote 60s 1 km	
	100.1000m = 27.78 m/s	
	36005 721.18 15	
		1
	9727 ms 2 - 8.2 g cm	1
	ms-2	1





 $3a) \qquad a = 3.$ $a = \frac{00}{06} \qquad Vi = 0 \frac{m}{s}$ $1/s = 10 \frac{m}{s}$ a=5.0 1/12 DE= 10m/s = 72s Up=10 m/s 16=? X(E) = 1/2 at + Vit + x; 36) 8x = X = X; =1/2 (5.0 1/2) + 0.28 + On -Nom 20 m = 10.2m VAGRA) 3c) 100m - 10mm = 90m 10 m/s = 90m =95 +25 =115 Motion in Two & Three Dimensions 14) 162.5m hoop ground 75m 162.5 75 h (9.81) 162.5 +75 = 67 Sin(2.6.5.20) J32031.25 36 V2 = J966.1 CT 18. 100 V=31.1m/s c=178.97m R= Vo sin(20) 12=75m 8=65.2° V3 =? 0=65.2° 9=9.21

