	Orbital (OE's Hand Calc)
7	n=2-2315.9, 2169.6.6314.57 kg
ececutivity 1)	マーゴ (1117- 11) 11 で (ア・ブ) V リーマー3.0599 G,0645, -3.07497 km/s
	$M = 398600 \text{ km}^3/\text{s}^2$
	e=1 /(7.5106) 398600 \ 7 R.V=3.7133 km2/5
	398600 1 7666.8 h= 1/xV= <-45,243, - 26,743, 7409 > kn/
	-17 1133/11 - 17 17 17 17 17 17 17 17 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
	15. 113550 - 17 Whing = 7.5166 km/s
	1.103 e.0028, -0324, .1x = 0 RXVI = 53076 km²/s
	e=101 V(1.102<.00183,05243, .1 = [.00010519 without
Semi-major 2)	E= 1712 M (705106)2 398600 _ 78.7002
0×11	Z RI 7066.8
	Semi-rejoi = - M 398600 - 7067.31 km
	78 7(-78.2002)
indication 3)	1= cos' [fi.h] [98.0744°]
	(Iĥ. 1h)
RAAN 4)	Quad Check node line = <0,0,17 × < h7 = 1.104 < 2.6793, -4.5293,07=h
	y component < 0 so correct with -24
	(21)-1005 ((7. h))=300,5868°
	Wil Ini

Hg 5)	For good check, thuch to component of E to see if you are
of peri	for quad check, thethe he component of et to see if you are above or below reference plane for us ex 70 so no concertion needed
	Argof peri = ust/ n. e = 73.8304°
	\M jel/
	CHINA LOAD MARKET THE ON THE CONTRACTOR OF THE C
True 6)	Quad check R.V If It 11 7 or < then 0, R.V=3.71 so >0
anom	no grad sheek needed.
2]	a) The transfer that the Market Marke
	True min = 605 (E. R) = 41.6963°
	Jeiri)
7	Define (OE's in my words:
	eccentricity; measure of how stretched an olbiti, between
	Circular and ellipsoid
	RAAD: Angle From First point of Aire) to node line / where
	the reference plane and orbit plane meet.
	10 ME-100 - 100 FAME - 100 - 500 MC
	inclination: nugle between orbit plane and reference plane
- Jan	100 700 = 100 MP = 100 MP = 100 MP
	Semi-mosor axis: the length from the origin to the fathert
A THE FAME	point in the ellipse.
	Argument of peringers: angle of node line to eccentricity vector
	(which point) to point of personplie)
	True anomaly: Angle between A vector and eccentricity Vector
	THE THE THE
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Part of the training of the same of

	Orbital COE write up:
Trans.	During this assignment I learned the bestes of orbital
· VF	mechanis and how to calculate their volves (classical obstal doments)
	We knowed to verify quedrants when doing calculations with
	inverse trig functions (ances). I also gained a lot or experience
	Welling w/ Vectors and Matricial.
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	0.5 (1.07) (1.07) (1.07) (1.07)
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