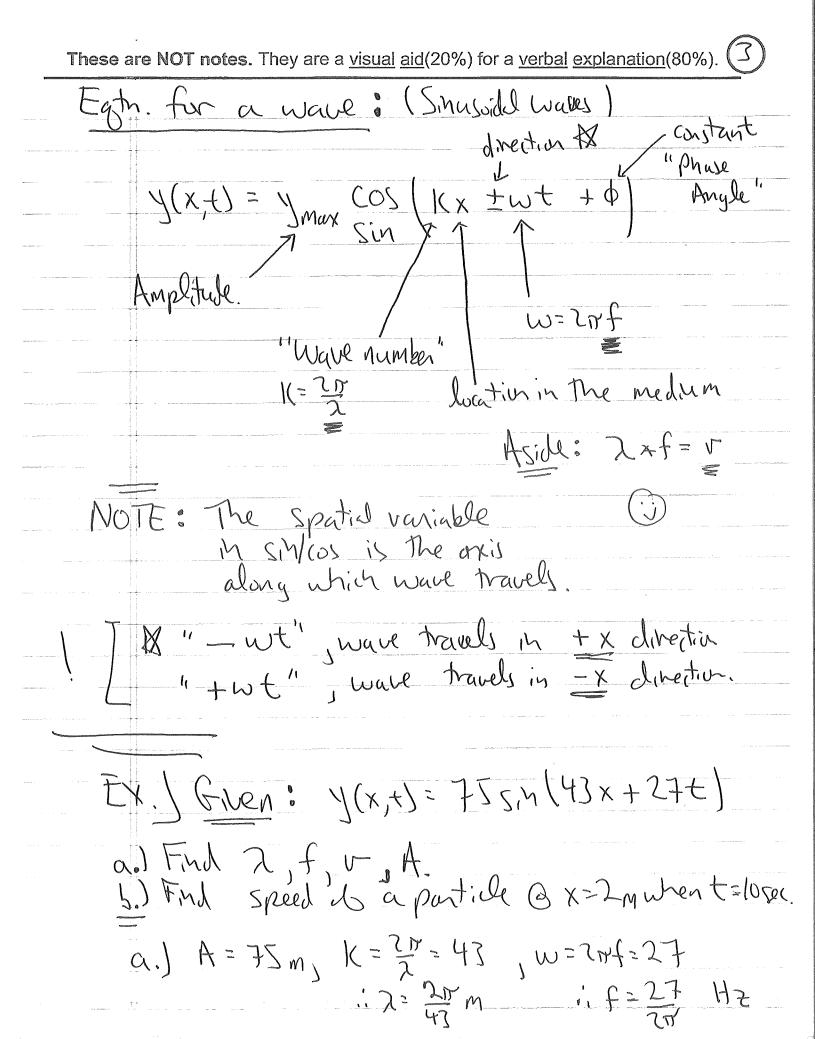
These are NOT notes. They are a visual aid(20%) for a verbal explanation(80%). of A wave (Sinsvidal, but do not have tube) Period (T "crest" (hentz, Hz) At a single location Amplitude a single instant in time Wavelength (2) Amplitule EQUILIBRIUM Y(f) EQUITIBRIUM



These are NOT notes	. They are a <u>visual</u>	<u>aid</u> (20%) for a <u>v</u>	erbal explana	tion(80%). Y
:. V	= 1xf = 21	1 x 27 =	0.63 %	<u>/</u>
to delite the second	the -x o			
	u about Pa		e medre	in have
	oking on I			
Glen: y(x	(+,			
V(x,	4) = 3+ 7()	(+)	1 St 11	artial derivative
5.1	partile @		8	
į :	x=2,t)=7			
	=2,+) = d y(+			
Annual Control of Cont	x=2, t=10) = -			
1	$X=Z,t=(0)=\frac{1}{2}$	1231,00	X6+2701 =	2020 Mg
F)	/ - (0)	3, 0,003(
(0,0)		4 D O		+0
	M 1			
Egth. d	2	- Wave		Flueral
UAVE .	Dy(x,t) =	7 9,1	(x,+)	Soltn. F(x±vt)
	7 X 2	Vot		TUN

These are NOT notes. They are a <u>visual aid</u> (20%) for a <u>verbal explanation</u> (80%).
Last Practice Set for EXAM 3 posted Tugday
NO MURE GRADED HW.
A Practice Set for "New". Find Exam Material will also he ported. (waves and Sound.)
Interference (a property unique to waves)
Superposition of intersecting waves. Algebrian addition.
Wave #1 is colliding rith wave #2:
$Y(x,t) = y_1(x,t) + y_2(x,t)$
* AL :
Identical "in phase"
Interference #2
(#1+#7]

These are NOT notes. They are a visual aid(20%) for a verbal explanation(80%).
When does this happen?
11 11=0,2,32,
Destructive #1 Minterference Justenference DI = 2 37 52 #2 A A
Special Case: Standing waves

tr.