Quiz 4

Nam Show	e(s): v all your work. Reason	able supporting work	must be shown	n for any partia	al credit.	\ \(\frac{\fir}{\fint}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fin}}}}}{\frac{\fin}}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fir}}}}}}{\frac{\frac{\frac{\frac{\frac{\fir}{\fir}}}}}{\firac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\f{\fir}}}
1	[0] E: J. H	$\frac{1}{\sqrt{2}}$	(17)	· -		45
chice Jay 15	[2] I find three angles 0	$\int_{-\infty}^{\infty} \sqrt{-\infty} dx = \frac{1}{2}.$	cofermina	Longles -	-\\ (\frac{1}{2}-	-45°/
or Dalz	45° 01 774	-45°00 -74	85 45°	+366° -		$>_{\circ}$
2.	The depth of water in	d feet, in a channel x	hours after mic	dnight is grapl	hed below.	
	(a) [1] Estimate the channel depth					_
4.2 4128	at 10am.	12				
-(10-	14 feat	10				
1.0	(b) [1] When is low ti	de?				
Derphyll*9	when y-valuese	8				
No.	when y-valuese lowest so Sam although 15 hours al	endul				-
	(c) [1] What is the	KS74				_
Softwar # 2	period of d ?	2				
2013/11	10 hors	1 0 1 2 3	4 5 6 7	8 9 10	11 12 13 14 1	ļ
	(4) [9] Danasila aidha	_		110) c -	
(16 2	(d) [2] Describe either	:: nsformations need to	transform the	hasic cosine or	anh into the	
Sing Prink	graph of $d(x)$, or		_		
Joing #8	• the amplitude	e, period, and phase	shift for the gra	ph of $d(x)$.	1/ 14-(2)	= 1
000,	1.5 xelf streamed b	10	0/2	5) Amplitud	10 hours	
(*->)[horizontaly shell	Jb 1(75)	. \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\			
	(1.5) very stretched by 15 very shift of 15 very shift of 15 very shift of 15 very shell s	7 10 = T=?		·5)(0) 4000	e smar win	- /
	(e) [3] Find an algebra		,	at there are n	nany correct	
400	answers for this!).	(+17 ×) +10	077	\ s.s (bx) 45hibhus	5
84,4 #50	Acos	75 N + 5	3 \	700(10)		
5	- blan	Sock	>	2 = 10	=> 2+=10	D
	(15) Use cusine	gron	ζ _	10	=7 6	3 ,
	(1.5) use cusine	rse	4 1/2	(+1)	=> 2# = 10 => 2# = 10 => 0= #	5
		1	٦	CO2 (2.)		
			(+	(+.3) use cos	(sorse	
				()	•	