· ·		p.481	# 11,12	_P .487 ₀ .488	#27,38 \$6,76#		
	Key	•	. # 13,15		Perio		
		oblems from boo	· ·	,	(A)	nass solution	n = mass salute to mass salu al. Solute + vol. Soluen
1.	You have	1500.0 g of a bl	each solution	n. The percen	t by mass of t	e solution = w he solute sodiu	ol. Solute + vol. Solven m hypochlorite
	(NaOCl) i	s 3.62 %. How	many grams	of NaOCl are	there?		
	% N	ness	NaOCI XIC	00	3.62%==	× 100	>= mass NaCCl = 54-3 a NaCCl
		•					
2.	_	nt by mass of cas s used, what is the	he mass of th	e solution?		_	0.0 g of calcium
o/ /c	و درلک	mass CaClo mass Solution x	s 106	Ation 2.	డ్క్ <u>-</u> <u>50</u>	الم المحادث	= mess solution: 1886.8a
	of motor?	-	lume of etha	nol in a solutio	on that contain	ns 35 mL of eth	anol and 155 mL
%	ethand=	vol. ethanol	·100 >	35 mL 5 mL+155mL	F+ 100=	18.4% et	anol
	If 18 mL	of ethanol is use liliters of solutio	d to make an	aqueous solu			
% 0	thand =	vol. ethanul	100	15%: 18	×100	mulau = x	e of solution: Onl solution
		VO(1					- •
		ne molality of a s			of Na ₂ SO4 di	ssolved in 1000 آمد آمد	
M=	moles so	$\frac{1}{1} = \frac{0.004}{1}$	me) = 0.0	704m	10 rv 00	700 4)20/16641 - 1116	=.0704
	Ky Sok	rent (lag	S		10009 =	y = 112 ymeit Ka	
6.	How muc	h Ba(OH) ₂ , in g			1.00 <i>m</i> aqueo	us solution? (as	U
n	1= moles Kg	Balarla	1m= ma	oles Ba (oti)2	= 1.1	Ba(OH), ~ 1	1129 1.
.,	Kg	H,O		1540	740	177	1.3 a Ba(OU)
7.	What is th	ne mole fraction				ntains 22.8 % N	laOH by mass?
22.8 3 14	laOH -soll	abantor - 94	.57 md	NaOH)	6 \		ve 100g sample
الم م. در الم الم م. در الم	oO-solver	to 2404 the state of the state	= 4.29 md	HO total	× × × × × × × × × × × × × × × × × × ×	OH" total modes	4.86
_	If the mol	e fraction of sul			ueous solutio	n is 0.325, what	t is the percent by
K _S SQ ₄ = .335	mass of H	12804? nd H₃50y × 9	189/mele =	31.85, H250	4>44.	% H5Q= -	ness Hosey ness solution +100
?-: ا=عماســــــــــــــــــــــــــــــــــــ	135+8 175md 460	2504? nd H3504 × 9 .675nd b	180×18 Jul	= 12.13gH60	total	315	59,100 = D.4%

XK,SQ(=

total moles=1 =-325+8 *=-675md HaO