Name														
					Solu	bility	7							
What is solubility? _														
												ve.		
Carefully look at the	graph	belo	w.											
•	£ 500			Ī	Ţ			Т.						
	9 400				,			_	•					
•	306				-	+-	-	+		$\angle$				
allty.	300		<del>                                     </del>	-	+	+	+	•	4	_				
Solubility Grams of solvent)	트 일 200	- Subsi	ance C			-			_					
	l soli	Subst	ance B	<u> </u>	<del> </del>	-	+	+	+					
	) 100 E	Subs	ance A		1		土		$\Box$		]			
			10 2	20	30	40	50	60	70		] 80			
	C	,	10 2	20	Tempe			60	, 0	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
<ol> <li>What is being me</li> </ol>	asure	d on t	he hor	izont	al axi	s (x a	xis)?							
2. What is being me	asure	d on t	he ver	tical	axis (	y axis	s)?							
3. How many substa	nces a	are pl	otted o	on the	grap	h?								
4. How many grams	of so	lvent	does e	each o	of the	subst	ances	s have	e?					
5. Which substance (	A, B	or C)	is the	most	solub	le at	0°C?	Wh	at is i	ts sc	lubil	ity a	t that	
emperature?														
6. Which substance is	- +l		. a laskal	- at 0	00C2	117h.		ta aal:			+ho+ +			2
o. Which substance is	s me i	nost	solubi	e at 8	0-C?	WII	11 15 11	is soi	ubiiit	y ai	шан	emp	erature	·
7. At what temperatu														√hat
heir solubility at that	temp	eratu	re?											
								<u>-</u>						
								••						
3. Make a general sta	iteme	nt abo	out the	effe	cts of	temr	eratu	ire on	solu	bilit	у.			
						7								
								,						

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