olubility Worksheet	Name:	Per
Name the 2 parts of a solution <u>and</u> define e	each.	
a.		
b.		
Name the 3 factors that influence the rate a each factor has an influence.	at which a solute dissolves in	a solvent <u>and</u> explain <b>why</b>
a.		
b.		
U.		
C.		
is the most common sol	lvent. It is referred to as the	solver
efer to the solubility curve to the right to ar		
At a temperature of 50°C, which <b>salt (ionic salt (ionic compound)</b> is the least soluble?	<del>-</del>	ble? Which
Which <b>salt (ionic compound)</b> shows the greincreases? Which <b>salt (ionic compound)</b>		_
Give the approximate solubility (in g/100g	of water) of the following sal	ts at <b>20°C</b> .
a. Potassium chlorate	soi	UBILITY CURVES
b. Potassium nitrate		1 1 1 1 1 7 1
c. Sodium chloride		$++++\nu+$
d. Sodium nitrate	130	
e. Potassium chloride	120	
f. Ammonium chloride	IN 100 NaNO	
What would be the minimum temperature, for the amount of each solute listed below	in °C, 8 90 to 80	HCI,
dissolve in 100g of water?	70 NH <sub>3</sub>	NH CI
a. 20g KClO <sub>3</sub>	00 101	/ KCI
b. 90g KNO <sub>3</sub>	GRAMS 40	
c. 50g KCl	ag 40 30	NoCl.
c. 50g KCl d. 100g NaNO <sub>3</sub>	30	NaCl KCIO <sub>3</sub>
c. 50g KCl	ag 40 30 20	1 1 1/1/11