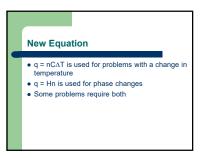
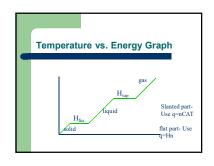
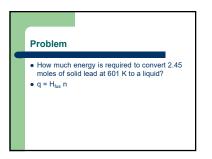


## Remember melting/freezing point and boiling/ condensation point are the same thing. The name only implies which way you are going. The energy required to melt an object is the same as the energy removed when it freezes. The same goes for boiling and condensing.





Heat of fusion and vaporization					
	melting point	Heat of fusion	Boiling point	Heat of vaporization	
Water	273 K	6010 J/mol	373 K	40700 J/m	
Nitrogen	63 K	719 J/mol	77 K	5590 J/mc	
Lead	601 K	4770 J/mol	2023 K	177800 J/mol	



Problem	
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