		Name							
Thermochemistry Problems I. Phase Changes:									
	1.	How much	heat is ne	eded to mel	t 58.2 g o	f ice at 0.0	00°C?		
	2.	How much	heat is rel	eased as 95	og of wate	er vapor c	ondenses at	100.°C?	
	3.	If 125 g of	water is fro	ozen at its f	freezing p	oint, wha	t quantity of	f heat is released?	
	4.	How much	heat is nee	eded to vap	orize 75 g	g of water	at 100.°C?		
II.		<u>Temperat</u>	ture and F	hase Cha	nges:				
	1.	How much	heat is ne	eded to cha	nge 25g o	f ice at 0°	C to water a	ut 25°C?	
	2.	How much	heat is ne	eded to cha	nge 55g o	f water at	: 25°C to vap	oor at 110°C?	
	3.	How much	heat is ne	eded to cha	nge 100. ş	g of ice at	25°C to vap	or at 130°C?	
	4.	How much	heat is ne	eded to cha	nge 100.g	of water	at -10°C to v	vapor at 115 °C?	