Ļ	Base your answers to the following questions on Reference Table I.
a)	The combustion of which compound will release the greatest amount of energy?
b)	The combustion of which compound will release the least amount of energy?
c)	Which compound will absorb the greatest amount of energy when it dissolves in water?
d)	Which compound will absorb the least amount of energy when it dissolves in water?
e)	Which compound will release the greatest amount of energy when it dissolves in water?
t)	Which compound will release the least amount of energy when it dissolves in water?
g)	How many kilocalories are released when 2 moles of NaOH (s) is dissolved in water?
h)	How much energy is absorbed when 0.5 mole of NH <sub>4</sub> Cl is dissolved in water?

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$\mathrm{dH}(z) \cdot 2\mathrm{d}(z) \to \mathrm{GO}_{z}(z) \circ \mathrm{H}^{z}(\mathrm{G}(t))$		
$\operatorname{ML}(x) \cap \mathcal{O}_2(x) \to 2\mathrm{H}^2(O(y))$		:
C / OH(0) : 3O (+) - +2CO (+) - 10 (-O(f)		
$C(\mathcal{C}_{\mathcal{C}_{\mathcal{C}}})$ (a) $+360$ (a) $+360$		
$A(\Box O(i) + 3CO(b)) \rightarrow C(\Box U(i)) \supset O(b)$		
$f^{*}(A \times B \cap C) \rightarrow d^{*}(A)$		
$\left( CO(C_{1}) + C(c) + O(c) \right)$		
$ \mathrm{NH}(\mathrm{Gl}(s))  + \gamma_{n} i_{n}(a_{\mathbf{G}}) + \mathrm{GL}(a_{\mathbf{G}})$		
$200\cdot(\epsilon)\cdot 4000(\epsilon) \rightarrow 200\cdot(000(\epsilon)-300\cdot(\epsilon)$		
2ALO ( ) +4A(b) +3O(()		•
$\neg CO(\cdot) = \{O_1(\cdot) \rightarrow CO_2(y)\}$		
4NO(+) + 201(+) + 201(+)		

- To your excess a reaction, what hoppins to also be gift at not farth What happens to the area?
- B. Why explain the consumment of the construction of the construction of the problem of the paper of the five and parameters of ALES Western supports the construction.
- 3 51 Min. All for a given for reaches or men is particled, will the interest hearteen he is adother min. In establishment?
- d. If a given resource is explorated will been be found as the conditional acts of the equation in a product social 2.
- b) If a green execution is code the sale, what each is a waying for AFF on the internal areas from?