Start here.

a) mercery cett diephran cell
Sult and retter are nived together to
whe broke. The broke trevels across
an exected \$15 cell and releases chloring gess
as it decorpses. The secondar rendry products
de we stere the soller analyse of them
Let is decorposed eyen with when to crea
The sodden am algam then webs with hydroxide
after Les been decomposet to note
hydrogen ges and bydrosok. This yetrosoke then
nects - A he sodn - and tigen to create
sodine hydroxale
Servine
,

b) The electrolysis of rolten so	odv-m	hydroxide	3
to occurs in the presence	e of	Oxygen	
censmy or soding order h	à be	25	
product.			
7 Na On +0, -> Na On + 410		5	
2Na, Cl + O2 -> NaO, cs) + Cl20			
		N V	
The electrolyers et aqueous	endi.	is do	A.
on so hat no ar is			
Nachar Nacas a Class	2000		
Na Na			
Natte -> Na			
1. 40 27.50	¥1	(g) t	
		1	
			110.5
A	dditional writi	ng space on back pa	ge.
	1974 - The Principle of	The second secon	-

c) i) \$000 400
2502+02 == 2503
L = [503]2
$K = \frac{[So_3]^2}{[So_2]^2[o_2]}$
K- [0.5]2
K= CO.3]2 CO.5]2[0]
0-209
[6.25][0.2)
=1.8
5'ii) As there has been a disraption in the
conditions of the equilibrium. This is as the
raction her been lett at von depperature
which has allowed for the temperature to
endohen is so to be non his gotten
Lotter.
You may ask for an extra Writing Booklet if you need more space

Start here.
d)i) Hydrochloric a crd
ii) The reacher could seem be carried out
i'm a stot school by only the teacher having
the concentrated HCI. This is to closed getting
it on a students skin or closures. It If his
were to occur them excess the should be wined all
ear before des - der et p a top.
1 5 y
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e) Lone stone is important in the Solvey process
as it provides the reacher to also obetain
he -da pooded at co; There are severel
environmental problems associated withouthe
se of Mestone es a source. Nos is es
Imestone is not a renewable source. Thes is
as trestone rocks the many seems to
form, Than to obstown he mesting to is
another environmented regret as it involves open
ant nonly. The reas that the entire
so-roudy ladscape has to be destroyed. to
obtion he linestone as well as the se at
many power grazzely hooks do drage and transport
ne & Inestone
The solvey proceess involves a obkining
its products by completing several reactions
to obtain he had product. These products
can be harally to be environment
it not the property disposed of.
Additional writing space on back page.