Name	Block:	Date:
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	INTRO TO ACIDS & BASES
This	worksheet is based on material on pages 109-114 in Hebden Chemistry 12.
1.	What is the chemical name for muriatic acid?
2.	Which acid turns skin yellow on contact?
3.	Which acid is used in car batteries? Suphuric acid
4.	Which acid is found in the human stomach?
5.	Which acid, in its concentrated form, will corrode copper?
6.	Concentrated sulphuric acid from the supplier is 98 % H <sub>2</sub> SO <sub>4</sub> and 2 % H <sub>2</sub> O. The molar concentration of this acid isM.
7.	Which acid turns skin white on contact?
8.	List the four common uses of nitric acid. Oprod. Anitrates efertizers  3explosives 4 dys
9.	When ammonia (NH3) gas dissolves in water, it forms a compound called
10.	What is the chemical name for caustic potash? Potassium hydroxide (KO)
11.	What is the chemical name for caustic soda or lye? NACH
12.	Which acid is a strong dehydrating agent? +2504
13.	Concentrated hydrochloric acid from the supplier is
14.	Give five things that are manufactured with the help of sulphuric acid. ferh (13e/5)

15.	Which acid has a choking odour?
16.	What two common bases are used in the production of soaps? NAOH & KOH
17.	Give the name of an alkaline gas which is highly soluble in water. At a camponia
18.	Nitric acid from the supplier is
19.	Which acid is a non-electrolyte in its concentrated form? Actic acid (CH3COO)
20.	Drain cleaner is made up of mainly NOOH
21.	Name two compounds that absorb CO <sub>2</sub> from the air.
22.	Which acid is used in the manufacture of textiles?
23.	acid is used to remove "scale" from boilers.
24.	Name an acid which produces a lot of heat when mixed with water. H2804
25.	Name a base which produces a lot of heat when added to water.
26.	is used as an electrolyte in alkaline batteries.
27.	Write balanced formula equations for the reactions which happen when the following are mixed:
a)	sodium hydroxide and phosphoric acid  3NAOH + H3PO4 - NA3PO4 + 3H2O
b)	sulphuric acid and aluminum hydroxide $3+350+2A(0+)3 \rightarrow A(2(50+)3+6+20$
c)	$Fe(OH)_3 + HNO_3$
	Fe(0H)3+3HND3 > Fe(ND3)3+3H20