Name:	Key	Date: 3/17/14
Name	-///	Date.

AVERAGE CHEMCIAL COMPOSITION OF THE EARTH'S CRUST, HYDROSPHERE, AND TROPOSPHERE

Direc	tions: Use the chart in the ESRT of the same name and answer the following questions.
1	. What is the most common element in the troposphere? Nitroges (78%)
2.	What are the two main elements in the hydrosphere, by volume? Hydrogen (66%)
3.	What percent, by volume, of Oxygen is there in the : Troposphere: $\frac{2/\%}{3.3\%}$ Hydrosphere: $\frac{94,04\%}{5}$
	Crust:
4.	Nitrogen is most common element in the Toposphere.
5.	What element is most common, by mass, in the crust?
6.	How much Silicon is in the crust by mass? 28,20% by volume? 0.88%
7.	Hydrogen is most common in the Hydrosphere.
8.	Which element makes up 0.49% of the Earth's crust by volume?
9.	Which two elements make up 99% of the atmosphere's volume? Nitrgen + Oxygen
10). How much Calcium is in the atmosphere?

	1/.
Name	
Free Re	esponse HW
1)	Sodium, Calcium, Potassium, Oxygen least greatest
2)	Potassium_
3)	Troposphere.
4)	miles 50 km 80
- 5)	Themosphere.
6)	Toposphere.
7)	30-40 g/m3
8)	15°C
9)	Stratosphere
10)	Stratosphere.
11)	1.0 atm
12)	Hydrogen and Oxygen
13)	Outer Core
14)	2900 KM
15)	Oceanic Crust (3.0g/cm3)
16)	Outer Core
17)	6,300(°C)(±)
18)	Rising
19)	Temperature $\frac{4,200^{\circ}\text{C}}{}$ Density $\frac{4,5\text{g/cm}^3(\pm)}{}$
	Pressure 8 million atm Zone Stiffer Mantle
20)	Astherosphere and Outer Core.