	Name	Class		Date	
--	------	-------	--	------	--

Skills Worksheet

## **Critical Thinking**

## **ANALOGIES**

In the space provided, write the letter of the pair of terms or phrases that best completes the analogy shown. An analogy is a relationship between two pairs of words or phrases written as a : b :: c : d. The symbol : is read "is to," and the symbol :: is read "as."

1. stratosphere : troposphere	5. plants : sunlight ::
 stratosphere i troposphere	 a. water : evaporation
a. biosphere : water	b. organisms : water
b. mantle : core	c. air : nitrogen
c. water cycle:	d. erosion : rock
lithosphere	d. crosion . rock
d. ocean : phytoplankton	6. river : gorge ::
d. occan . pnytopiankton	 a. erosion : gas
2. seismic waves :	b. wind: tall rock
 earthquake ::	formation
a. temperature : gas	c. water: wind
b. weather : air	d. sediments : rocks
c. greenhouse effect	_
:atmosphere	 7. convection current:
d. electromagnetic	weather ::
radiation : sun	a. Richter scale:
	magnitude
 3. tectonic plates :	b. eruption : climate
asthenosphere ::	c. plate collision:
a. core : crust	mountain
b. atmosphere : gases	d. thermosphere
c. volcano : eruption	:temperature
d. ice sheets : pond	2 aguifar : groundwater :
1 winds : atmosphere	 8. aquifer : groundwater :: a. life : oxygen
 4. winds: atmosphere::	b. ocean : radiation
<ul><li>a. currents : hydrosphere</li><li>b. salinity : ocean</li></ul>	
_	c. atmosphere : water
c. earthquakes:	vapor
ionosphere	d. biosphere : land
d. ocean : climate	

Name	Class	Date
Critical Thinking continued	Ciuss	
-		
INTERPRETING OBSERVAT	ΓIONS	
Read the following paragraphs	s, and answer the	questions below.
and geologist, was one tectonic plates. Wegen apart over time to form of continents is known Wegener published drift in 1912. He support together the edges of the formed supercontinent crust (tectonic plates) of slowly over the mantle of criticism until the 19 that the ocean floors had blocks were, in fact, m	e of the first scient her suggested that in the present contra has continental dr d his first complet borted his research he continents in o he wegener believe could, over very le he. Wegener's theo 960s, when geolo had been spreading hoving. Plate tector in geology. A crate gener, "the father	past continents had drifted inents. This rearrangement rift. the statement on continental by attempting to piece order to reconstruct a led that large blocks of the long periods of time, flow ories remained the subject logical evidence confirmed g and that large crustal onic theory has become the large on the moon was named
	d. Do you think h	nce to support his theories when his is peers would have accepted his
11. Describe one aspect of the be correct.	map of the world	d that hints Wegener's theory might

Name		Date	
Critical Thinking continued	<u> </u>		
AGREE OR DISAGREE			
Agree or disagree with the f	ollowing statements, a	and support your answe	r.
12. Because scientists are ur earthquake will occur, the ensure that all structures	ne government has a d	uty to issue building cod	des to
13. Individuals, as well as in have an obligation to we increase the level of gree	ork to reduce carbon d	ioxide emissions that ma	
14. We need to recycle our watter, and new matter of			espect to