Name			

## Continental Drift (p. 272 – 275)

Alfred Wegener (VAY guh nur) (Continents + Oceans)

1. Who developed the theory of continental movement?

2. In which year was the hypothesis developed?

I.	<b>Evidence</b>	For	Continental	Drift

1912

	3. State Wegener's hypothesis about how Earth's continents have moved.					
	All the continents were once joined together in a					
	single landmass and have since drifted apart.					
	4. Define the term continental drift.					
P. 272	Continental Drift - Lypothesis that the continents slowly moved over Earth's surface					
	5. Wegener named his supercontinent Pangaea. Rodinia					
	6. What did Wegener think had happened to this supercontinent?					
	Over millions of years, langues began to break apart. Pieces moved st.					
	to current-day locations and became the continents.					
	7. Wegener's continental drift hypothesis was easily accepted by scientists of the time.					
	<u>Circle One</u> : True False					
Ex.)-Mesosaun	8. How did Wegener explain similar fossils on different continents?					
- Labryrin	Hobot The organism lived on a single landmass that has since split apor					
<ol> <li>Wegener believed that continental drift explained fossils of tropical plants found in places that today have a polar climate.</li> </ol>						
	Circle One: True False False					
	P. 274 Carada  Shark Teeth > Arizons					
	- Basilosaums - Tethy. Sea					

	Name
10.	Circle the letter of each sentence that supports Wegener's hypothesis.

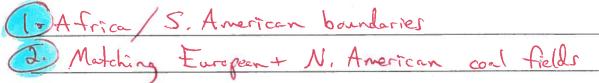
~										
(a.)	Some	contir	ents	match	up	like	iigsaw	puzzle	pieces	5.
	T-100					C	J-6	11.00	1	

b. Different rock structures are found on different continents.

c. Fossils of tropical plants are found near the equator.

d. Continental glaciers once covered South Africa.

11. Give an example of evidence from land features that supported Wegener's hypothesis.



## II. How Could Continents Drift?

1. Wegener could provide evidence for why continental drift was occurring.

Circle One: True False Could provide evidence but not explain why how or when

2. Wegener believed that the spin of the Earth was the force propelling the continents.

Circle One:

True

**False** 

3. Into what landmasses did Pangaea split into starting 225 million years ago? (Not in book.)



Pangae	<u>ea</u>	
1	<b>—</b>	
Laurasia	Gordwareland	=(180-200  m.y.a.)
N. America	S. America Africa	=(135 m.y.a.)
Lurope	Australia	
	Antarctica	a a