

- 1) What was the super continent that existed 200 million years ago called?
- 2) What is the name of Alfred Wegner's theory of plate movement?
- 3) What evidence supports Wegner's theory? (3 pts)
  - 1) \_\_\_\_\_
  - 2) \_\_\_\_\_
  - 3) \_\_\_\_\_
- 4) The further from the ocean crack the ( older OR younger) the rock?
- 5) What do scientists call #4?
- 6) What natural disaster was used to connect the dots to show the plates?
- 7) What is the theory of plate movement called?
- 8) What is the inner core of Earth made of?
- 9) What is the outer core of Earth made of?
- 10) What is the mantle?
- 11) What 2 layers make up the lithosphere? (2pts)
- 12) How fast do the plates move?
- 13) How do the plates move?
- 14) What is the area where plates are moving apart called?
- 15) What is the area where plates are colliding called?
- 16) What is the area where plates are sliding past one another called?
- 17) Is North America getting closer to or further from Asia?

- 18) Where is plate material created? Destroyed?
- 19) What is an area where an ocean plate dives below a continental plate called?
- 20) What is a crack in the Earth's crust called?
- 21) What natural disaster occurs when 2 locked plates suddenly slip past one another?
- 22) What is the circle of volcanoes in the Pacific Ocean called?
- 23) What natural disaster occurs at convergent boundaries when an ocean plate dives under a continental plate and melts causing magma to rise and build up pressure?
- 24) What is an area called where magma has found its way to the surface, sometimes forming a volcanic island?
- 25) What beautiful display does a volcanic island volcano put on?
- 26) What kind of plate boundary creates folded mountains?
- 27) What mountains are the highest on Earth? Are they still growing? (2pts)
- 28) Why can ocean fossils be found in the mountains?
- 29) What will happen 250 million years from now?