Pixelgost's Dynamic Planet test

Terminology

1. What makes the Crust move? How does this work?
2. What is an Orogen?
3. What is the term describing the ground acting like a fluid?
4. What is ISostasy?
5. What are the two kinds of surface waves?
6. What is the kind of deformation for when a Rock snaps?
7. What is the kind of deformation when a rocks bends and flows?
8. UNder what conditions does number 6 occur
9. Under what conditions does number 7 occur
10. What is the name for Gravitational anomalies?

Volcanoes

1. What are the four types of Volcanoes?
2. What are the three types of lava and their other names?
3. What Lava gives effusive eruptions?
4. What Lava gives of exploding eruptions?
5. What Lava is high in Potassium and Sodium?
6. What Lava has low amounts of Potassium and Sodium?
7. What Lava has Medium amounts of potassium and Sodium?

Earth

1. What are the layer of the earth labeled physically?
2. What are the layers of the earth layered chemically?
3. What is the name of the Most recent supercontinent?
4. What are the names of the two Supercontinents that broke apart to form today's Earth?
5. What was the name of the ocean that surrounded the most recent supercontinent?
6. What is North America's Craton?
7. What is the process of the movement of Earth's plates that cause plates to seperate and join resulting in 7 different stages?
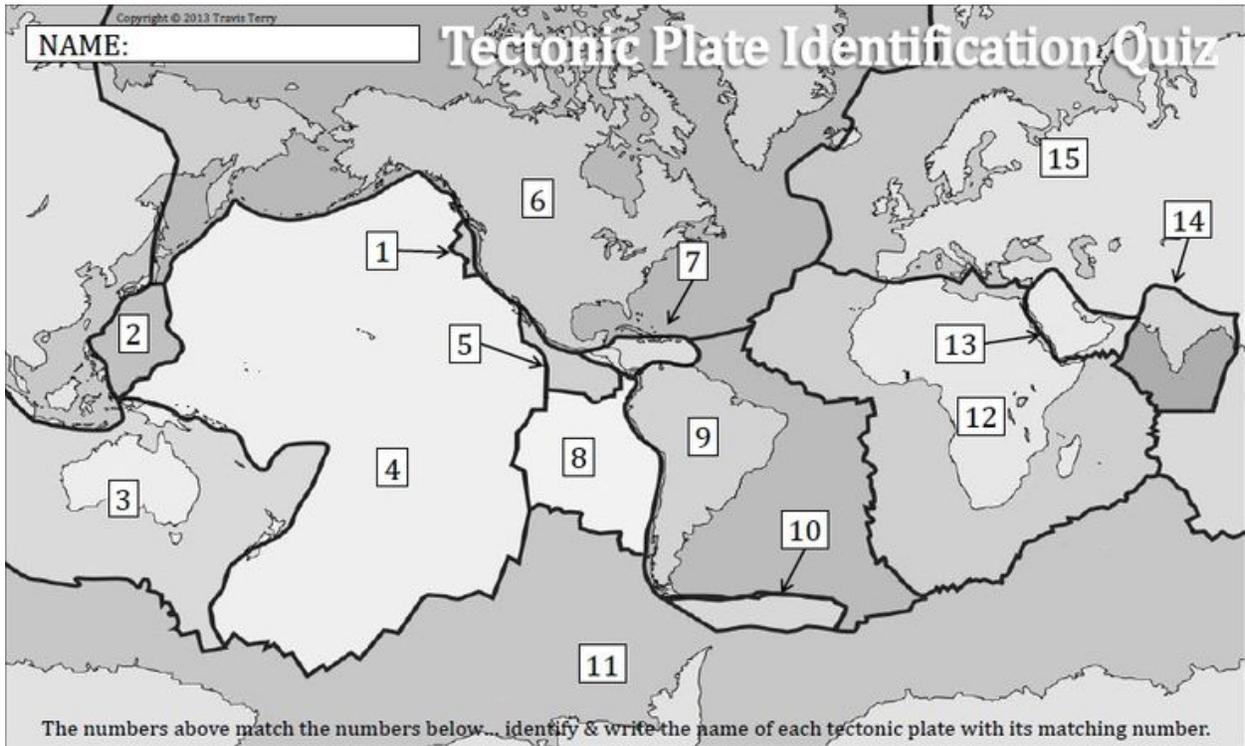8. What is a Mantle Plume?

Scientists

1. Who discovered Seafloor spreading and when did he discover it?
2. What famous scale was made in 1935, to help study earthquakes?
3. What scale made by Chris Newhall was made in 1982 and what does it measure?
4. Who is considered the father of Modern Geochronology (hint: He championed the Continental Draft Theory)?
5. WHo made the Continental Draft theory?

Representative tasks
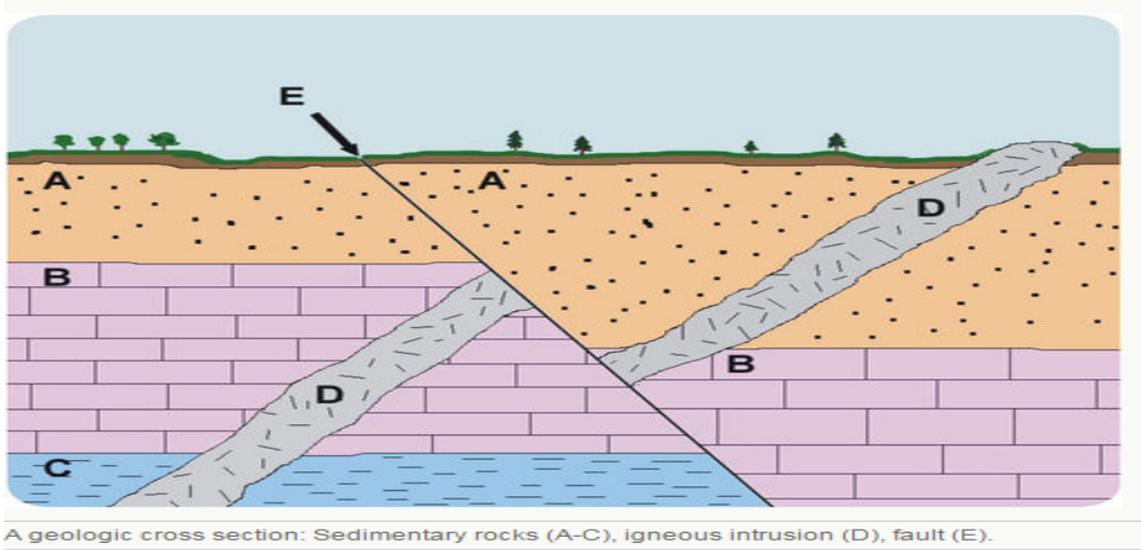
Label the Plates

NAME: _____   Tectonic Plate Identification Quiz

15

14

6

1

7

2

5

13

12

4

8

9

3

10

11

The numbers above match the numbers below... identify & write the name of each tectonic plate with its matching number.

1. _____   6. _____   11. _____
2. _____   7. _____   12. _____
3. _____   8. _____   13. _____
4. _____   9. _____   14. _____
5. _____   10. _____   15. _____

List the events that happened in order

A geologic cross section: Sedimentary rocks (A-C), igneous intrusion (D), fault (E).

THE END