

Name: _____

Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet

Earthquake Epicenters

A. Choose the letter of the correct answer and write it in the blank provided before each number.

_____ 1. Where do most earthquakes occur?

- A. Korea
- B. Pacific Ring of Fire
- C. United States of America
- D. Alpine-Himalayan System

_____ 2. Which of the following statements about earthquakes is correct?

- A. Earthquakes can be predicted.
- B. Most earthquakes occur randomly on Earth.
- C. Most earthquakes occur in the Pacific Ring of Fire.
- D. Earthquakes occur only once a year in a country.

_____ 3. Earthquakes occur due to the _____ that was built up by the colliding plates.

- A. release of water
- B. buildup of crust
- C. buildup of magma
- D. release of pressure

_____ 4. What is the measure of the energy released from the point of origin of an earthquake?

- A. epicenter
- B. intensity
- C. hypocenter
- D. magnitude

_____ 5. What do you call the point on Earth's surface that is directly above the location where the an earthquake starts?

- A. endocenter
- B. epicenter
- C. hypocenter
- D. magnitude

B. Create a concept map that will show this relationship. Also, provide an example of a recent earthquake in the Philippines, its magnitude, and the epicenter.

Rubric

Criteria	Excellent (5)	Good (4)	Needs Improvement (3)
Content	All information is correct.	Most of the information is correct.	There are numerous errors in the information.
Organization	The items are organized in an understandable manner.	Some items seem out of focus.	It is difficult to identify the relationships of the items.
References	All references are cited.	Most of the references used are cited.	No references are cited.