

Earthquakes: Earth Shaking Review

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Understanding Earth's Movements

Name: _____

Date: _____

Answer the following questions based on what you learned about earthquakes.

1. What causes earthquakes?

- A. Volcanic eruptions
- B. Tectonic plate movements
- C. Meteor strikes

2. Earthquakes are caused by the sudden release of energy in rocks.

True False

3. Rocks store potential energy under ____ until they break.

4. How do seismic waves move through the earth?

5. What happens when the stress on rocks exceeds their strength?

- A. They bend
- B. They break
- C. They melt

6. God's design of the earth's structure shows His wisdom.

True False

7. The mountains quake before Him and the hills ____ away.

8. Why can earthquakes be both destructive and part of natural geological processes?

9. What is one of the effects of sudden energy release during an earthquake?

- A. Formation of new mountains
- B. Creation of seismic waves
- C. Increasing temperature

10. Tectonic plate movements are unrelated to earthquakes.

True False

Answer Key

1. Tectonic plate movements 2. True 3. stress 4. Seismic waves travel through the earth by moving energy from the point of the earthquake outward, causing the ground to shake. 5. They break 6. True 7. melt 8. Earthquakes can cause damage and loss of life, but they also play a role in shaping the earth and creating new landforms. 9. Creation of seismic waves 10. False