



Name: \_\_\_\_\_

Date: \_\_\_\_\_ ID: A

## How to Measure Earthquakes? - Practice Exercise 3-6

### Multiple Choice

*Identify the letter of the choice that best completes the statement or answers the question.*

- \_\_\_\_ 1. The Richter scale was developed in the
- a. 1940s.
  - b. 1930s.
  - c. 1950s.
  - d. 1910s.
- \_\_\_\_ 2. When measuring earthquakes
- a. scientists measure the vibration caused by the earthquake.
  - b. the new distance between plates.
  - c. pressure in the upper mantle.
  - d. None of the above is correct.
- \_\_\_\_ 3. Choose the incorrect statement. Earthquakes cause \_\_\_\_\_.
- a. electromagnetic vibration
  - b. surface waves
  - c. body waves
  - d. compressional waves.
- \_\_\_\_ 4. Chose the best statement.
- a. The first indication of an earthquake is often a sharp thud.
  - b. The surface waves can be compressional and shear.
  - c. Shear waves travel rapidly across the crust.
  - d. The theory of plate tectonics was developed in the 1950s.

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- \_\_\_\_\_ 5. S waves travel through
- a. the upper mantle and the lower core.
  - b. the inner core and upper core.
  - c. the upper mantle and the lower mantle.
  - d. the core only

**How to Measure Earthquakes? - Practice Exercise 3-6  
Answer Section**

**MULTIPLE CHOICE**

1. ANS: B
2. ANS: A
3. ANS: A
4. ANS: A
5. ANS: C

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ID: A

**MULTIPLE CHOICE**

- |    |                         |                         |                         |                         |                         |
|----|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 1. | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 2. | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 3. | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 4. | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 5. | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |