

NAME: _____

DATE: _____

Earth's Shakes and Quakes

Answer each question thoughtfully, citing the page number(s) where you found evidence for each question. Answer in complete sentences and restate the question in your answer whenever possible.

1. Fill in the blank:

Most earthquakes happen at _____.

Page(s) _____

2. How much energy is released when blocks of rock that were stuck break and slip past each other?

Page(s) _____

3. Type the two answers that correctly complete the following statement.

Surface waves cause _____.

- A. the ground to shake, heave, sway, and lurch during an earthquake
- B. a fault to form in Earth's crust
- C. most tsunamis
- D. the most earthquake damage

Answer _____

Page(s) _____

4. List one way in which the seismograph and the Richter scale are different.
List one way in which they are similar.

Different:

Similar:

Page(s) _____

5. Type two or three sentences that include one fact about a tsunami and at least two descriptive words from the text.

Page(s) _____