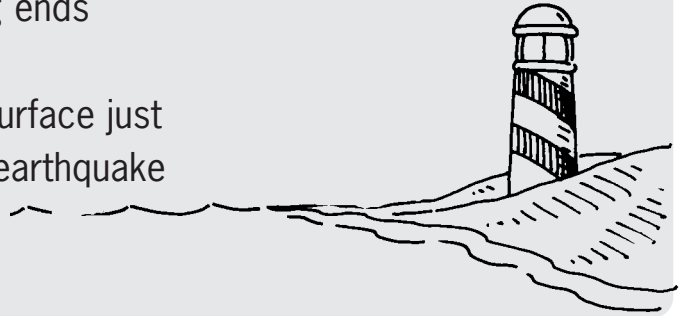


► Read the Vocabulary Words and their definitions.
Then draw a line from the Vocabulary Word to its meaning.

- magma:** melted rock inside the Earth
edges places where something ends
range: a line of mountains
epicenter: a place on the Earth's surface just above the center of an earthquake
coast: land along the sea
peak: the top of a mountain



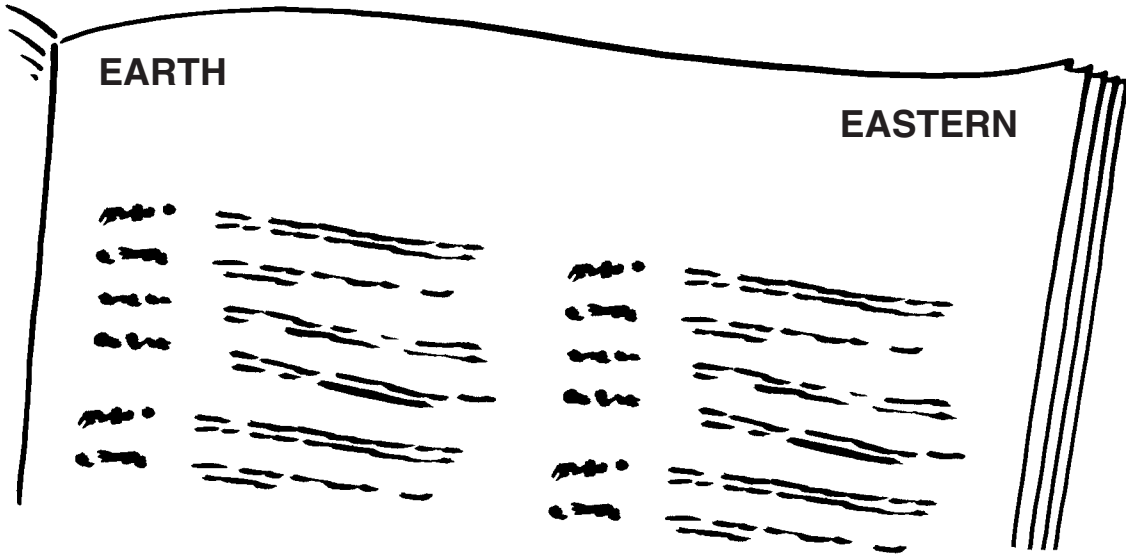
- | | |
|---------------------|--|
| 1. coast | the top of a mountain |
| 2. edges | melted rock inside the Earth |
| 3. epicenter | land along the sea |
| 4. magma | a line of mountains |
| 5. peak | the place just above the center of an earthquake |
| 6. range | places where something ends |

► Write the Vocabulary Word that best completes each sentence.

We walked along the sea _____. There was a _____ of mountains nearby. We could see the highest mountain _____. Some mountains form when _____ pushes up beneath the Earth. Then we hiked up the mountain and saw the _____ of the woods. This place may have been the _____ of the earthquake.



► Which pair of guide words would appear at the top of the page that contains each word? Circle the letter of the answer to each question.



- 1 earthquake _____
- A earth—eastern
 - B element—elevation
 - C emanate—equation
 - D equator—Everest

Tip

The word must “fit” alphabetically between the two guide words.

- 2 epicenter _____
- F earth—eastern
 - G element—elevation
 - H emanate—equation
 - J equator—Everest

Tip

You may have to go to a second or third letter of the alphabet to see where a word fits.

- 3 erosion _____
- A earth—eastern
 - B element—elevation
 - C emanate—equation
 - D equator—Everest

- Read the paragraph below. Then circle the letter of the best answer to each question.

I am writing a paper about how the crust of the Earth changes over time. First, I will research the different layers of the Earth. I want to find out how the core causes the surface to change shape. I need to look up some terms, too. For example, I don't know what *magma* means. My teacher says that I should find the information I need in books that were written recently. She says scientists are always finding out new things.

- 1 In which part of a book could you find the starting page of a chapter?
- A** copyright page **C** index
B glossary **D** table of contents

**Tip**

Where do you find chapter titles listed in order, followed by page numbers?

- 2 In which part of the book could you find out what *magma* means?
- F** copyright page **H** index
G glossary **J** table of contents

**Tip**

Where do you look to find the definitions of words in a section like a dictionary?

- 3 In which part of the book could you find out the date it was published?
- A** copyright page **C** index
B glossary **D** table of contents

**Tip**

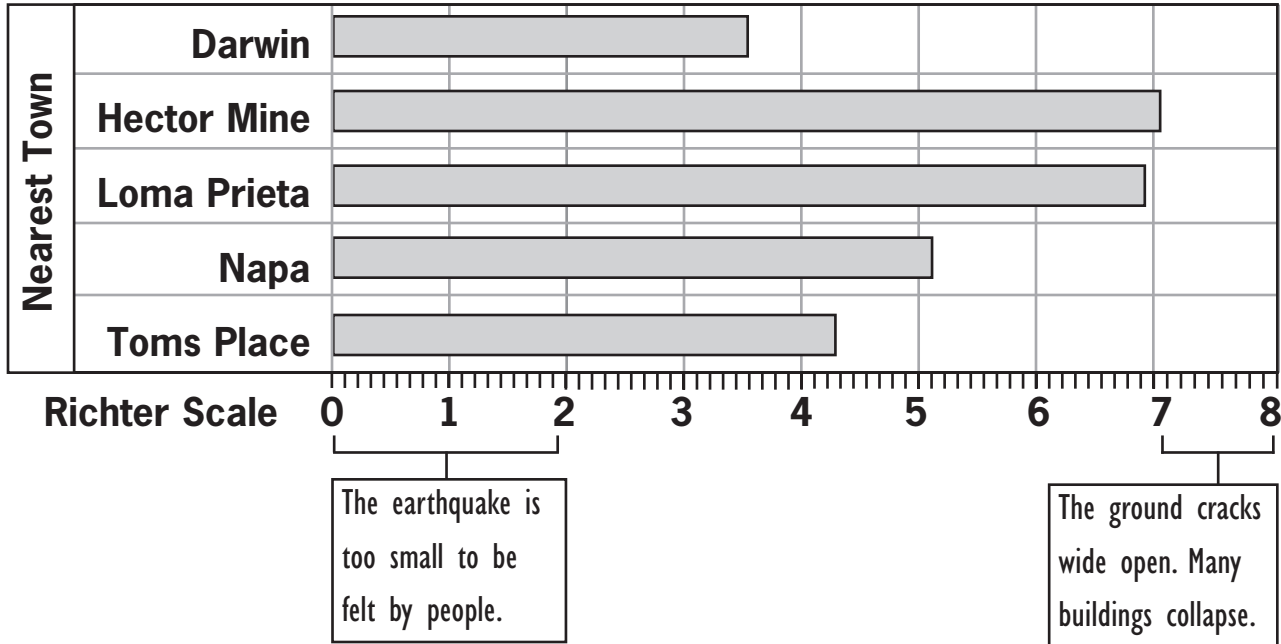
Ignore the answer choices you know are wrong.



Name _____

▶ Study the following bar graph. Then answer the questions below.

**Recent Earthquakes in California
1989-2001**



1. Where did the two biggest earthquakes take place?

2. Where in the United States did all of these earthquakes take place?

3. About how many points of difference is there between the earthquake near Darwin and the one near Hector Mine?



SCHOOL-HOME CONNECTION With your child, write the exact magnitude on the Richter Scale of two earthquakes recorded on the graph. Talk about how each earthquake might have affected people in that location.