

Chapter 8 Earthquakes and Earth's Interior

Section 8.2 Measuring Earthquakes

This section discusses types of seismic waves and how earthquakes are located and measured.

Reading Strategy

Outlining As you read, fill in the outline with the important ideas in this section. Use the green headings as the main topics and the blue headings as subtopics. For more information on this Reading Strategy, see the **Reading and Study Skills** in the **Skills and Reference Handbook** at the end of your textbook.

Measuring Earthquakes	
I. Earthquake Waves	
A. Surface Waves	
B. _____	
II. _____	
A. _____	
B. _____	
C. _____	
III. _____	
A. _____	
B. _____	

Earthquake Waves

1. The figure shows a typical recording of an earthquake. Select the appropriate letter in the figure that identifies each of the following types of earthquake waves.

- _____ surface wave
- _____ S wave
- _____ P wave

2. Circle the letter of the name of the recording of the three types of earthquake waves in the figure.

- a. seismograph
- b. seismogram
- c. seismic wave
- d. travel-time graph



