

M O D E R N E A R T H S C I E N C E

Section 6.2

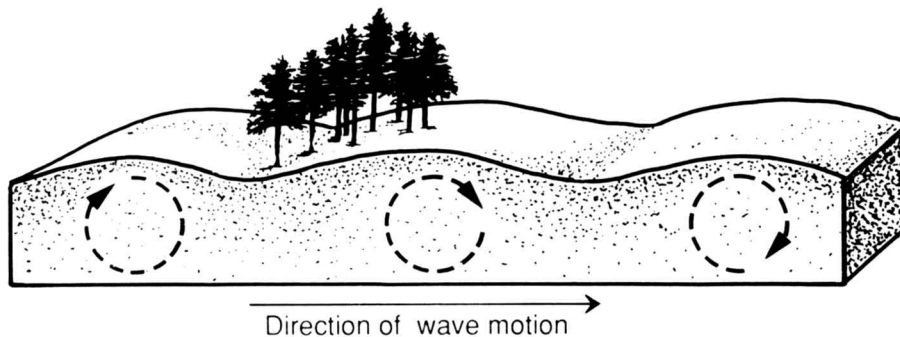
Recording Earthquakes

Read each statement below. If the statement is true, write *T* in the space provided. If the statement is false, write *F* in the space provided.

- _____ 1. Microquakes are usually strong enough to be felt by people.
- _____ 2. A seismograph records energy released by an earthquake.
- _____ 3. Scientists analyze the difference between the arrival times of P and S waves to determine an earthquake's epicenter.
- _____ 4. P waves moving through the earth can travel through solids, liquids, and gases.
- _____ 5. An earthquake of magnitude 2.5 is a major earthquake.

Complete each statement by writing the correct term or phrase in the space provided.

6. The scale that is used to measure the intensity of an earthquake is called the _____ .
7. An earthquake with a magnitude of 2 is classified as a _____ .



8. The seismic waves shown in this diagram are called _____ .
9. Seismic waves that cause rock particles to move at right angles to the direction in which the waves are traveling are called _____ .
10. The amount of energy released by an earthquake is also known as its _____ .