

# Seismic Waves and Water Waves – Review Questions

Name \_\_\_\_\_ Date \_\_\_\_\_ Hour \_\_\_\_\_

Answer the following questions in complete sentences. Use your notes.

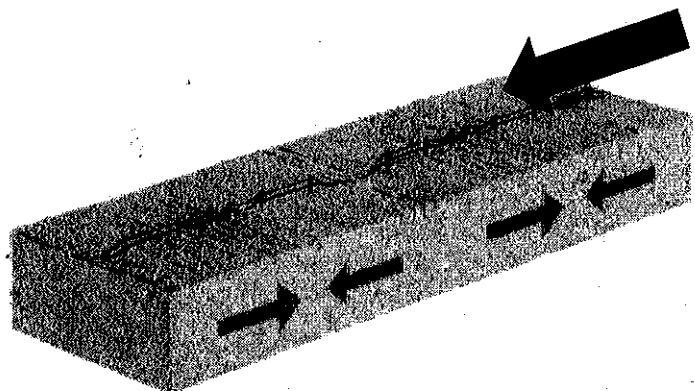
1. **P-waves** are \_\_\_\_\_.
2. **S-waves** are \_\_\_\_\_.
3. How are **seismic waves** produced?

---

---

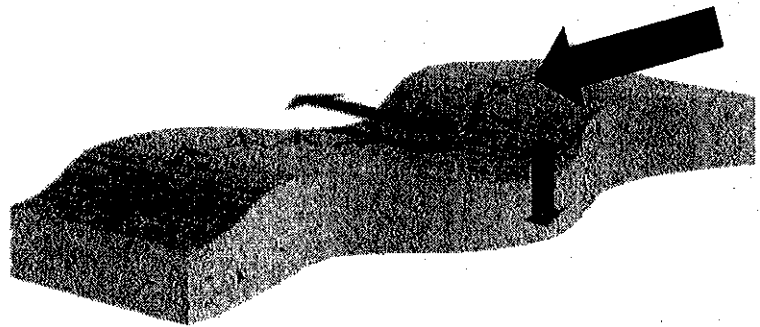
4. What type of waves are P-Waves? **Label** the **direction of the wave** and the **direction of the disturbance** in the diagram below.

---



5. What type of waves are S-Waves? **Label** the **direction of the wave** and the **direction of the disturbance** in the diagram below.

---



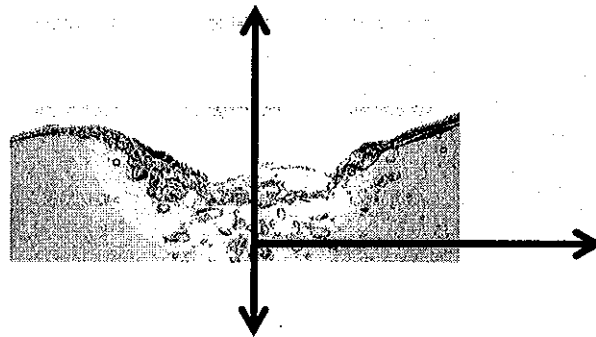
6. Using the diagram below, explain **how seismic waves transfer energy**.

---

---



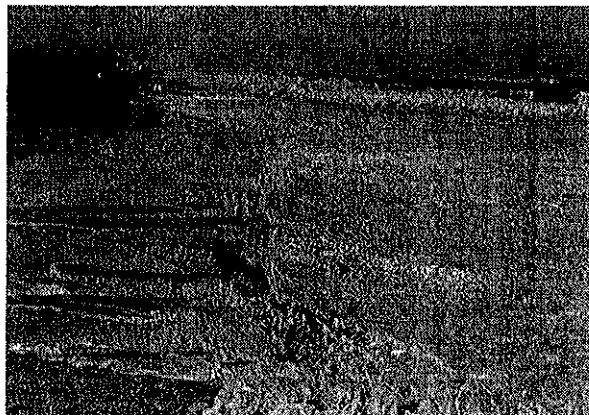
7. What type of waves are water waves? Label the **direction of the wave** and the **direction of the disturbance** in the diagram below. \_\_\_\_\_



8. Using the diagram below, explain **how water waves transfer energy**.

---

---



**Beach/Coastline**

**Ocean**