

Name \_\_\_\_\_

## Subduction: The Earth's Subterranean Conveyor Belt

### Short Answer

1. Explain the process of subduction and what happens at a subduction zone.
2. Why do volcanic eruptions and earthquakes often occur in regions with subduction zones?
3. How does the density and thickness of oceanic plates compare to continental plates, and why is this important for subduction?
4. What is the Pacific Ring of Fire, and why is it a hotspot for subduction-related geological activity?
5. What role does subduction play in the recycling of Earth's crust?

