

## PLATE TECTONICS TEST

**MULTIPLE CHOICE.** Read the following questions carefully and chose the **BEST** answer and place it on the line (1 point each).

3.2A Describe the Earth's Layers

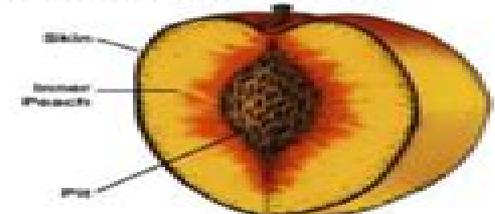
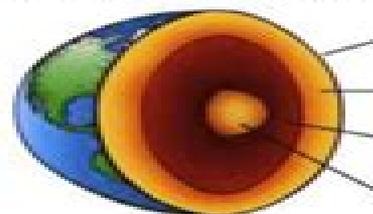
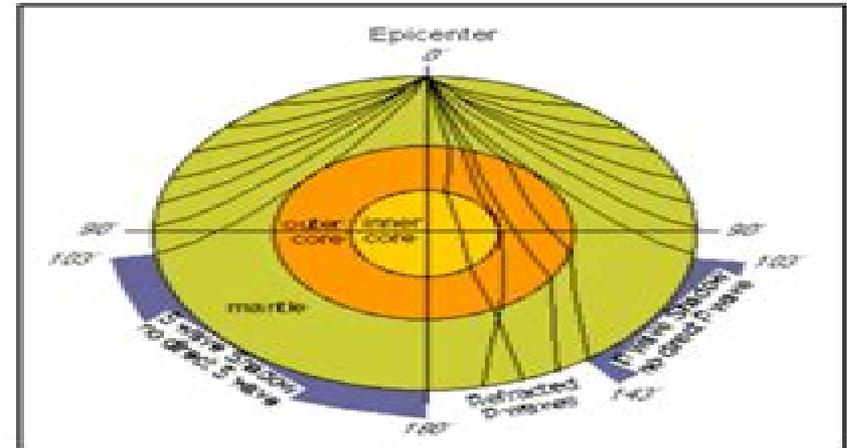
3.2C Describe the differences between oceanic and continental crust

3.2B Explain Earth features using Plate Tectonic Theory.

3.2B Explain the movement of Tectonic Plates.

3.3C Explain the motion history of the Earth's plates.

1. What evidence do scientists have that the Earth has layers?
  - a. Seismic waves change speed and direction as they travel through the Earth.
  - b. Seismic waves always go straight through the Earth.
  - c. They sent scientists down to make observations.
  - d. They don't really know.
2. Which part of Earth is most likely the cause of Earth's magnetic field?
  - a. Lithosphere
  - b. Asthenosphere
  - c. Mantle
  - d. Core
3. Using rock samples and evidence from seismic waves, what can scientists infer about the Earth's layers?
  - a. The layers have different chemical compositions.
  - b. The layers have different temperatures and densities.
  - c. The layers have different depths and thicknesses.
  - d. All of the Above.
4. Which part of the Earth could be compared to the inner part of the peach?
  - a. Crust
  - b. Mantle
  - c. Outer Core
  - d. Inner Core



# Plate Tectonics Test Multiple Choice Answers

**Didier Musso**



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