

Unit 4 Section 2 Study Guide

Directions: Answer the following questions.

Reviewing Objectives Part 1:

1. Explain how scientists infer that the Earth has internal layers with discernable properties using patterns of primary (P) and secondary (S) seismic wave arrivals. Pages: 28-29 and 298
2. Explain the uncertainties associated with models of the interior of the Earth and how these models are validated. Pages: 28-29 and 298

Reviewing Major Concepts Part 2: *Chapter 12 section 1*

4. Explain how seismic waves help scientists learn about Earth's interior.