

Name: _____

Review Selection #2: Earth's Interior

1. S-waves from an earthquake that travel toward the Earth's center will
 - 1) be deflected by Earth's magnetic field
 - 2) be totally reflected off the crust-mantle interface
 - 3) be absorbed by the liquid outer core
 - 4) reach the other side of Earth faster than those that travel around Earth in the crust

2. The continental crust is
 - 1) more dense and thinner than the oceanic crust
 - 2) less dense and thinner than the oceanic crust
 - 3) more dense and thicker than the oceanic crust
 - 4) less dense and thicker than the oceanic crust

3. What is the pressure at the center of the Earth?
 - 1) 3 millions of atmospheres
 - 2) 3.5 millions of atmospheres
 - 3) 3.2 millions of atmospheres
 - 4) 5200 millions of atmospheres

4. Compared to the Earth's crust, Earth's core is believed to be
 - 1) less dense, cooler, and composed of more iron
 - 2) less dense, hotter, and composed of less iron
 - 3) more dense, hotter, and composed of more iron
 - 4) more dense, cooler, and composed of less iron

5. At which depth below Earth's surface is the density most likely 4.5 grams per cubic centimeter?
 - 1) 500 km
 - 2) 1800 km
 - 3) 3,200 km
 - 4) 5,400 km