

Name \_\_\_\_\_

Layer	Starting Depth (km)	Ending Depth (km)	Thickness (km)	Pressure Range (atms)	Density (g/cm <sup>3</sup> )	Temp. Range (C)	Phase
Lithosphere							
Asthenosphere							
Stiffer Mantle							
Outer Core							
Inner Core							

- Which 2 layers make up Lithosphere? \_\_\_\_\_
- Where is the crust thicker, oceans or continents? \_\_\_\_\_
- Where is the crust denser, oceans or continents? \_\_\_\_\_
- What is the outer core believed to be made up of? \_\_\_\_\_
- What is the inner core believed to be made up of? \_\_\_\_\_
- What 2 layers of the Earth have fluid properties? \_\_\_\_\_
- Between which 2 layers do you find the MOHO? \_\_\_\_\_
- What rock is continental crust made up of? \_\_\_\_\_
- What rock is oceanic crust made up of? \_\_\_\_\_
- Why are there ???'s on this chart? What does this mean? \_\_\_\_\_
- What happens to the temperature as you travel deeper into the Earth? \_\_\_\_\_
- What happens to pressure as you travel deeper into the Earth? \_\_\_\_\_
- Why do we call the Asthenosphere "the plastic mantle" ? \_\_\_\_\_
- What are the 3 layers of the Mantle? \_\_\_\_\_
- Plates move together or apart at mid ocean ridges? \_\_\_\_\_
- Plates move together or apart at trenches? \_\_\_\_\_
- Mountains are found at mid ocean ridges or trenches? \_\_\_\_\_