

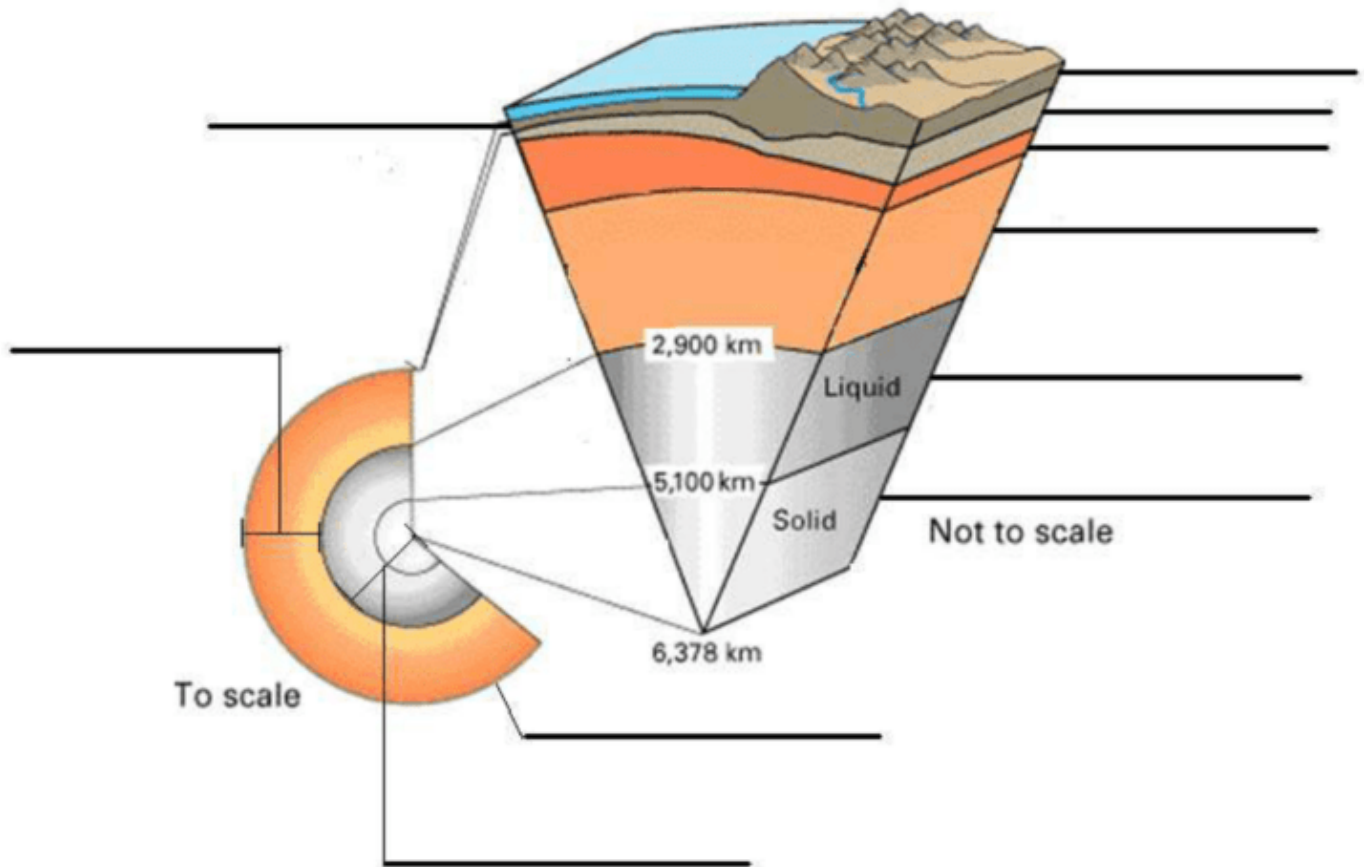
Name: _____

Date: _____

Structure of Earth, Worksheet - 1

Use the word bank to label the diagram below

Asthenosphere	Continental Crust	Core	Crust	Inner Core
Lithosphere	Mantle	Mesosphere	Oceanic Crust	Outer Core



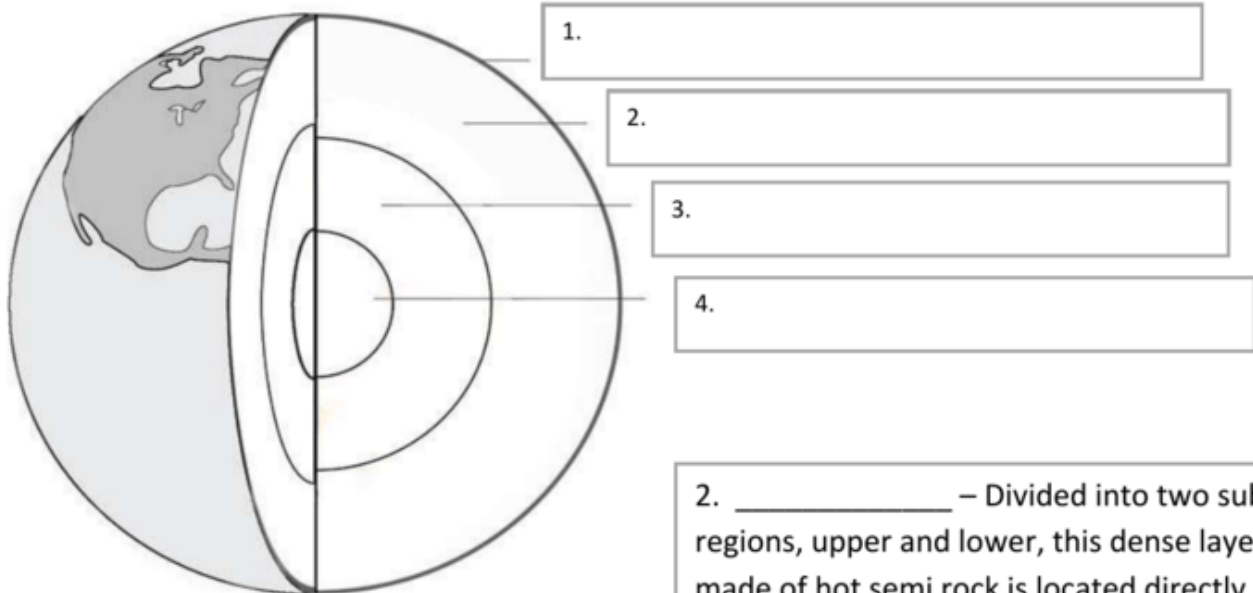
Answer the following questions:

1. You're digging through the outermost layer. Where are you?
2. What are the two types of crust?

Name: _____

Date: _____

Structure of Earth, Worksheet - 2



1. _____

2. _____

3. _____

4. _____

1. _____ – hard and rigid, the Earth’s outermost and _____ layer. Only a few miles (5 km) thick under the oceans and averaging 20 miles thick under the continents.

3. _____ – The **only** _____ layer of the Earth – a sea of mostly iron and nickel. It is roughly 1800 – 3200 miles below the surface and about 1400 miles thick. Temperatures reach _____ ° C.

4. _____ – An extremely hot, solid sphere of mostly _____ and _____ at the center of the Earth. It is 3200 to 2to 3960 miles below the surface and about 750 miles in diameter.

2. _____ – Divided into two sub regions, upper and lower, this dense layer made of hot semi rock is located directly below the _____ and is about 1800 miles thick.

Lithosphere – made up of the crust and tiny bit of the mantle, this layer is divided into several constantly (very slowly) moving plates of _____ that hold the continents and oceans

Asthenosphere – The plates of the lithosphere move (_____) on this hot, malleable semi liquid zone in the upper mantle, directly below the lithosphere.

How do you think scientists discovered the layers of our Earth?