

Name: _____

Layers of the Earth

Our planet Earth is constructed of several layers.

Directions: Match the layers to their definitions.

lithosphere

The innermost layer, extremely hot and solid, composed of mostly iron and nickel.

outer core

The earth's outermost and thinnest layer, hard and rigid, and only a few miles thick under the oceans and averaging 20 miles thick under the continents.

crust

Hot, malleable semiliquid in the upper mantle on which the plates of the lithosphere float.

mantle

Made up of the crust and a tiny bit of the upper mantle, this layer is divided up into constantly moving plates of solid rock that hold the continents and the oceans.

asthenosphere

A dense layer subdivided into upper and lower regions made of hot, semisolid rock located directly below the crust and about 1,800 miles thick.

inner core

The only liquid layer of the earth, this layer is made up mostly of iron and nickel. It is located about 2000 miles below the surface.

Label the layers of the earth below.

