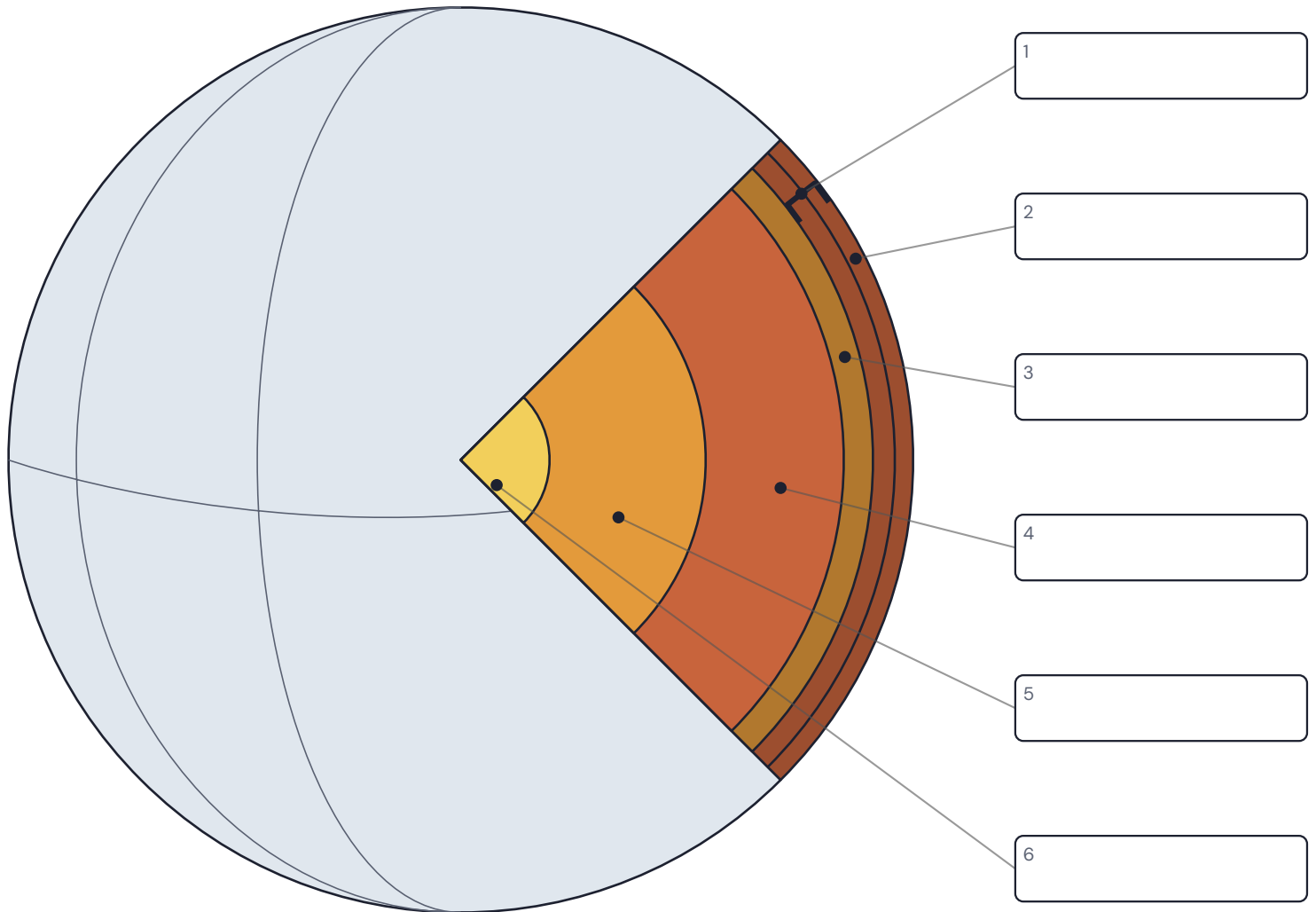


Layers of the Earth

Write the name of each layer in its box. The word bank has the names.

Name _____ Date _____



Word bank

Asthenosphere

Crust

Inner core

Lithosphere

Mantle

Outer core

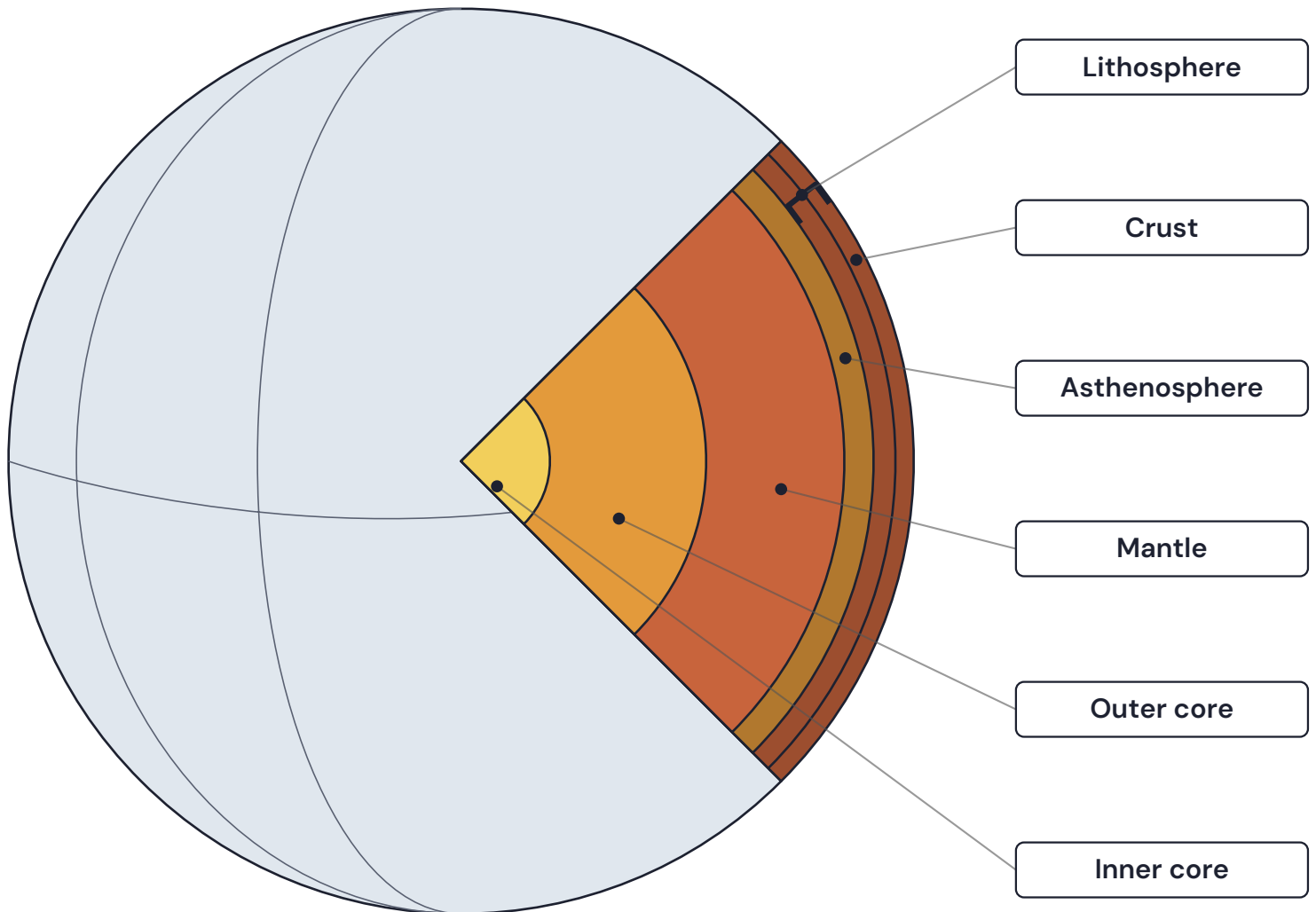
1. What two parts make up the lithosphere?

2. Which layer do the plates move on?

3. Which layer is liquid?

Layers of the Earth: answer key

The crust, the mantle and the core, with the lithosphere and the asthenosphere at the top of the mantle.



Lithosphere

The crust and the cooler, rigid top of the mantle together, at least 80 km (50 miles) thick over much of the Earth. It is broken into the moving plates.

Asthenosphere

A narrow zone of hot, semi-solid rock under the lithosphere. It can soften and flow very slowly, and the plates move on it.

Outer core

Liquid metal, iron and nickel, about 2,200 km (1,370 miles) thick. As the Earth turns, it spins and makes the Earth's magnetic field.

Answers: 1. The crust and the rigid top of the mantle. 2. The asthenosphere. 3. The outer core.

Crust

The thin, rocky outer layer: about 5 km (3 miles) thick under the oceans and about 30 km (19 miles) under the continents.

Mantle

Hot, dense, semi-solid rock, about 2,900 km (1,800 miles) thick from the crust down. It makes up most of the Earth.

Inner core

A solid ball of iron and nickel at the center of the Earth, about 1,250 km (780 miles) thick.