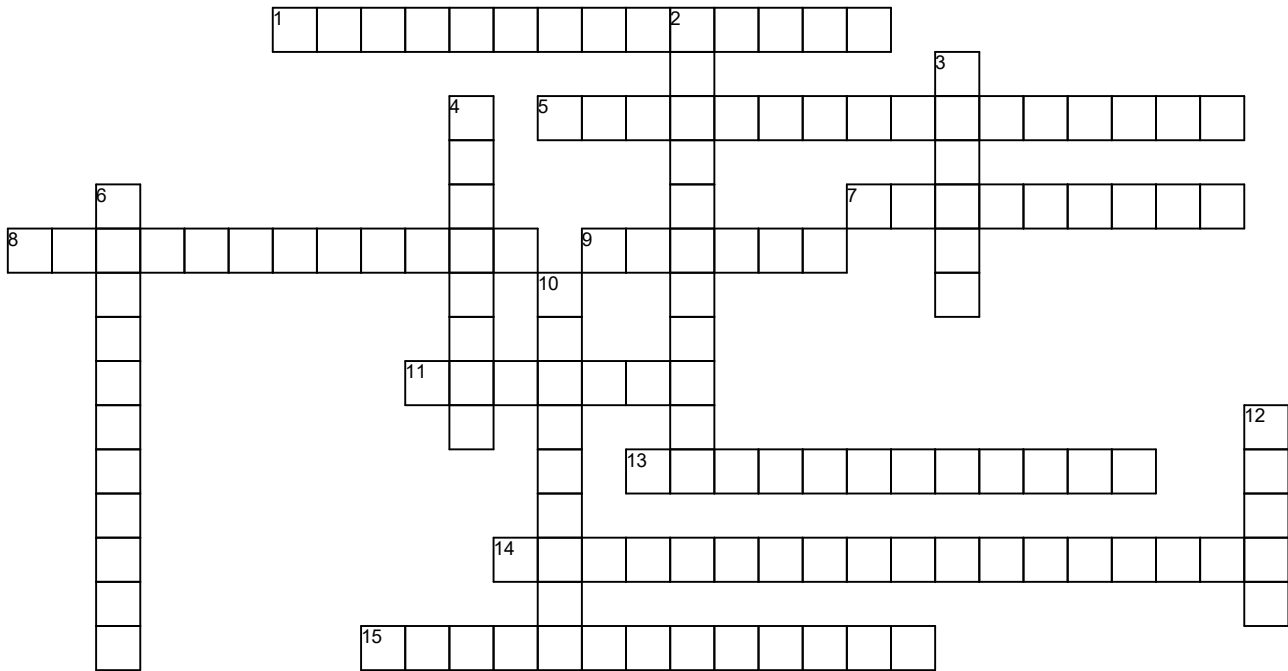


Earth Layers Crossword Puzzle

1. Using the Across and Down clues, write the correct words in the numbered grid below.



ACROSS

1. Sections of the Earth's crust that move due to convection currents.
5. The portion of the earth's crust that primarily contains granite.
7. A layer of molten iron and nickel that surrounds the inner core of Earth.
8. The portion of Earth's crust that is usually below the oceans.
9. A dark, dense, igneous rock with a fine texture, found in oceanic crust.
11. A usually light colored igneous rock that is found in continental crust.
13. Vibrations that travel through Earth carrying the energy released during an earthquake.
14. Circular currents in the mantle caused by the magma being heated by the core off the Earth.
15. The soft layer of the mantle on which the lithosphere floats.

DOWN

2. A rigid layer made up of the uppermost part of the mantle and the crust.
3. The layer of hot, solid material between Earth's crust and core.
4. The force exerted on a surface divided by the total area over which the force is exerted.
6. A measure of how hot or cold something is.
10. A dense sphere of solid iron and nickel at the center of Earth.
12. The layer of rock that forms Earth's outer surface.

lithosphere
asthenosphere
inner core
granite

mantle
oceanic crust
convection currents
pressure

basalt
temperature
seismic waves
outer core

continental crust
crust
tectonic plates