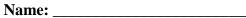
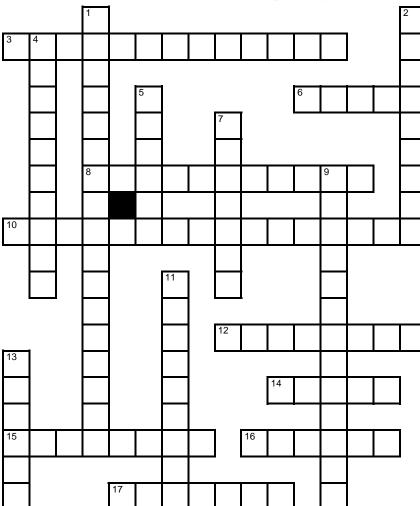
## PLATE TECTONICS





## Across

**3.** The zone below the lithosphere. It is more 'plastic' than the lithosphere so it is easier to bend and move.

**6.** The most outer solid portion of the planet Earth.

**8.** The outer part of the Earth's crust. it is composed of solid rock.

**10.** Places where new seafloor is being created.

**12.** The deepest parts of the oceans.

14. The Theory of Continental

**16.** Alfred Wegener noticed that the coast of South America seemed to fit into the coast of this continent, just like a jigsaw puzzle.

**17.** Scientist who first proposed the theory that the continents drifted.

## Down

1. The primary force that causes the seafloor to spread and continents to drift.

2. Plate \_\_\_\_\_.

**4.** \_\_\_\_\_\_ zones. Places where the seafloor is forced under continental plates.

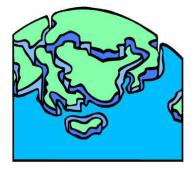
**5.** Section of the Earth below the crust.

**7.** Paleontologists noticed that these were the same on different continents even though the continents were separated by oceans.

**9.** Source of heat in the mantle.

11. Seafloor \_\_\_\_\_

**13.** Scientist who first proposed that thermal convection in the mantle causes continental drift.





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