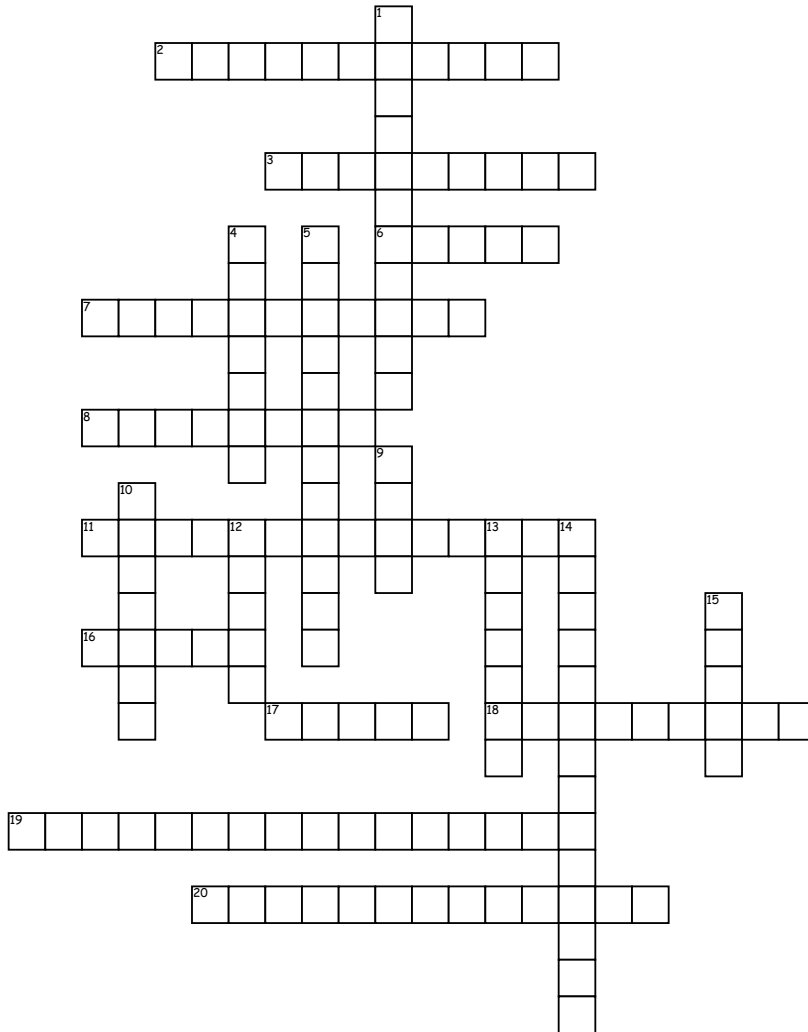


Name: \_\_\_\_\_

# The Plate Tectonic Theory Crossword



## Across

2. wider land connection between otherwise separate areas
3. a freshwater reptile found only South America and Africa during the Permian period
6. \_\_\_\_\_ geologic terms means a large slab of solid rock.
7. continents were once joined together in an \_\_\_\_\_
8. Scientists now understand that over millenia the Earth's \_\_\_\_\_ flieds
11. gaps between tectonic plates that mantle the Earth like seams on a baseball

16. A number of methods have been used to date
17. As \_\_\_\_\_ reaches the lithosphere, fresh ocean crust is formed
18. the Greek root for "to build"
19. A theory first proposed by scientist Alfred Wegener in 1912
20. The theory was first developed in the early 20th century by this meteorologist

## Down

1. The strong outter layer
4. a single supercontinent is called
5. any sudden shaking of the ground caused by the passage of \_\_\_\_\_

9. The \_\_\_\_\_ is primarily a mixture of iron and nickel metal
10. The most reliable method (2005) relates to the detection of tiny crystals called
12. The \_\_\_\_\_ is the outermost layer of the earth
13. secondary driving force for the movement of the Earth's tectonic plates
14. As the continents jostle around the Earth, they occasionally come together to form giant
15. He used moving into the Asian continent to form the Himalayas as an example.

## Word Bank

Magma	mesosaurs	Rocks	Continental drift	seismic waves
Crust	Gravity	Core	supercontinent	plate
Pangaea	Alfred Wegener	land bridges	zircons	magnetic
Urkontinent	lithosphere	Mid ocean ridges	Tectonics	India