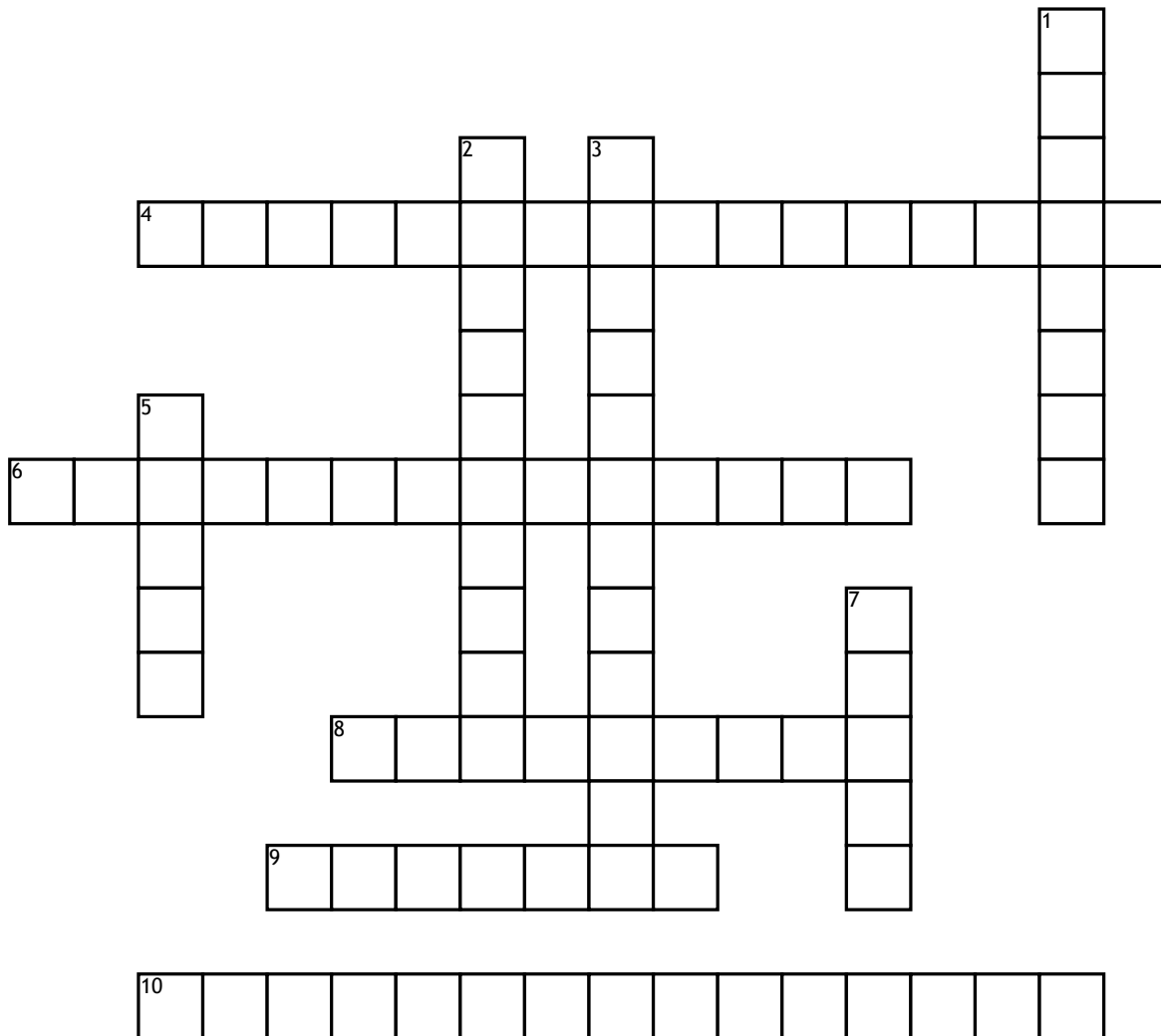


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# plate tectonics



## Across

4. Continually adds new material to the ocean floor

6. Pieces of Earth's lithosphere in slow constant motion

8. The process that powers plate tectonics is \_\_\_\_\_

9. The single landmass that broke apart 250 million years ago

10. A well-tested concept that explains a wide range of observations

## Down

1. Subduction of the ocean floor takes place at \_\_\_\_\_

2. The transfer of heat by the direct contact of particles of matter is \_\_\_\_\_

3. The relatively soft layer of the upper mantle \_\_\_\_\_

5. Brakes in the Earth's crust

7. A device that bounces sound waves off underwater