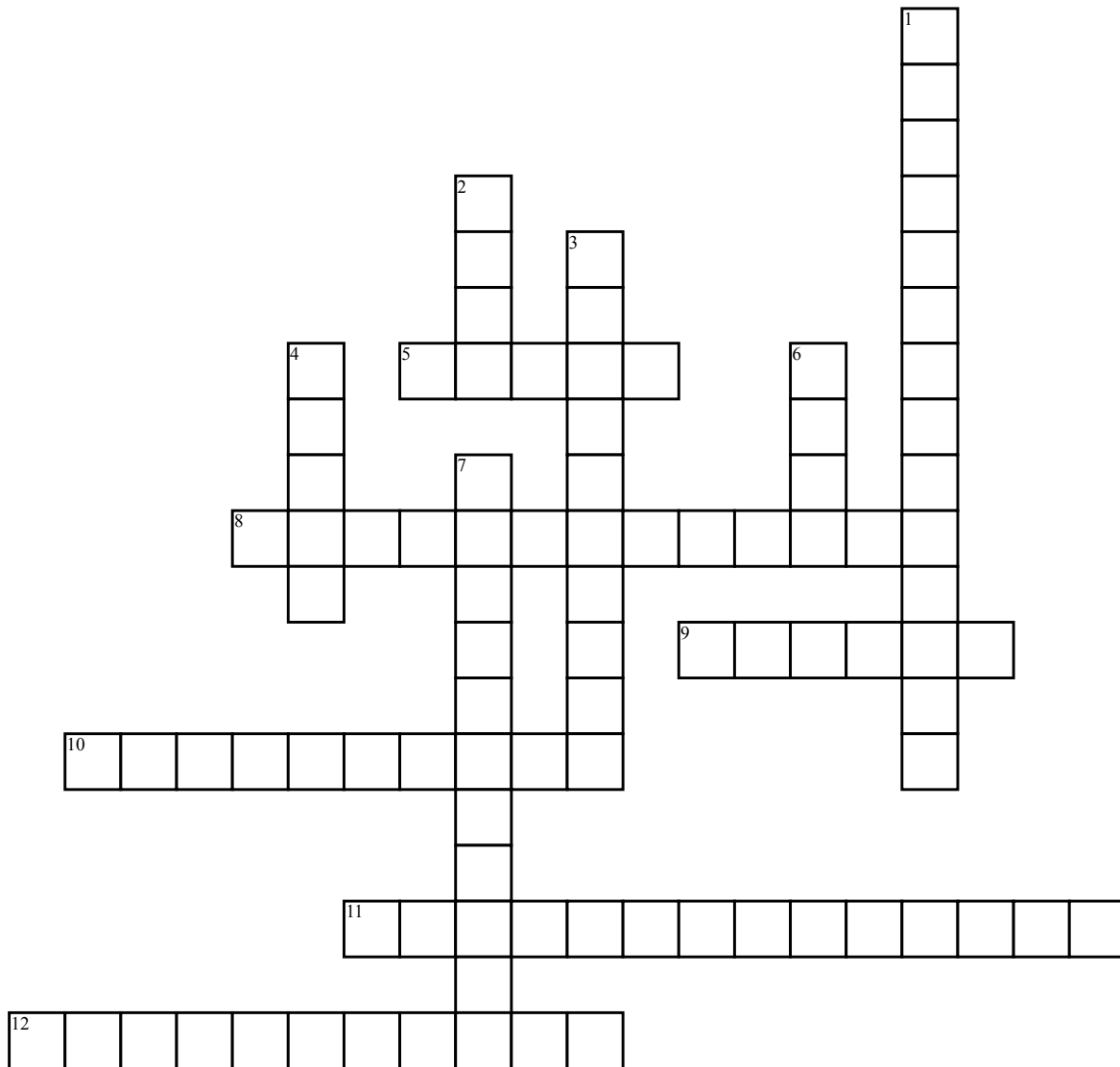


Name: _____

Plate Tectonics: A Unifying Theory



Across

5. Molten or melted rock deep below the surface of Earth

8. The layer of semimolten mantle rock that lies directly below the lithosphere

9. The thick layer of solid and molten rock that lies beneath the crust

10. When plates converge usually one plate sinks or slides under the other

11. The theory that Earth's surface is made up of separate rigid plates that move slowly across the mantle

12. The rigid outer part of Earth made up of rocks in the crust attached to the upper part of the mantle

Down

1. The continuous circular pattern of materials as they are heated and cooled

2. The surface form of Magma

3. Almost melted

4. The thin layer of solid rock that makes up the outermost part of Earth

6. The central part of Earth

7. A vibration that travels through Earth