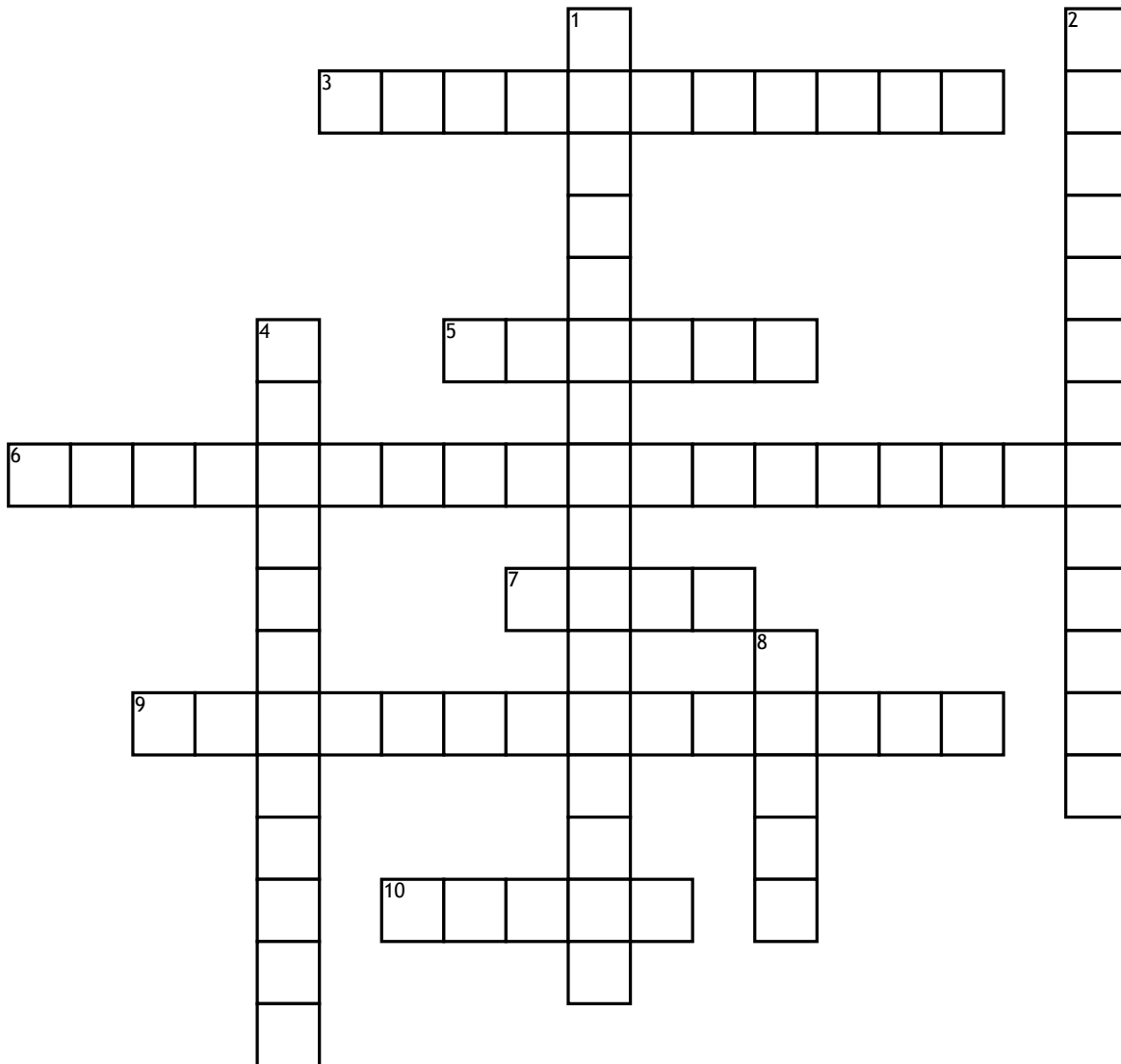


Name: _____

Date: _____

Earth's Structure & Processes/Plate Tectonics



Across

3. The crust and rigid upper part of the mantle

5. The Earth's middle and densest layer that makes up most of Earth's mass

6. A slow moving motion of the asthenosphere that causes the lithosphere to be in constant motion.

7. Molten rock that reaches the Earth's surface

9. The lithosphere is divided into _____ which are giant, slow-moving chunks of rock.

10. The Earth's outermost and thinnest layer

Down

1. The older, thicker part of the crust and made up mostly of granite

2. The soft layer in the mantle that flows like very thick liquid. The tectonic plates float on this layer.

4. The rock of the ocean floor and made mostly of basalt

8. Melted rock below Earth's surface