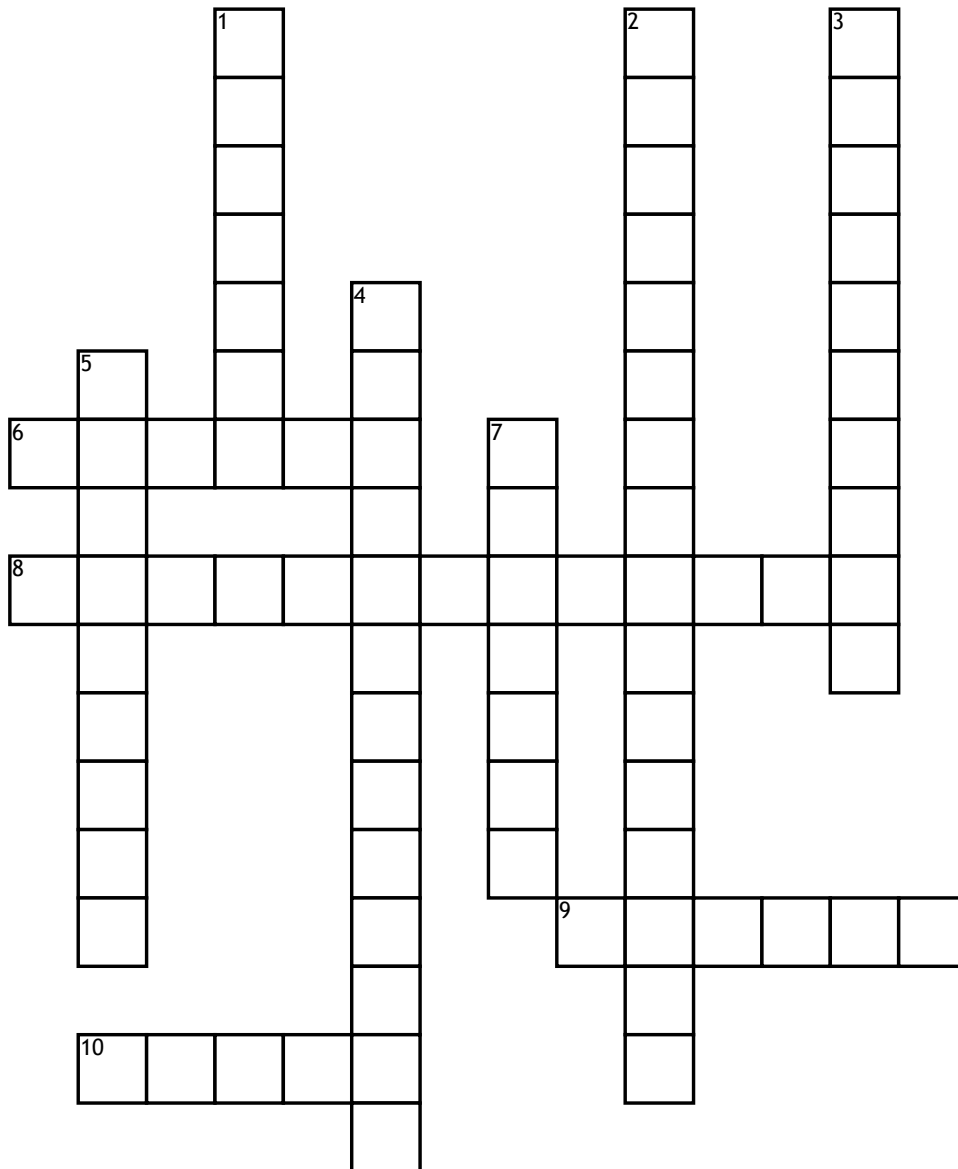


# Plate Tectonics



**Across**

- 6. A dark rock with a fine texture
- 8. An undersea mountain chain where new ocean floor is produced
- 9. A trace of an ancient organism that has been preserved in a rock
- 10. A device that bounces sound waves off underwater objects

**Down**

- 1. This word means "all land"

- 2. A well-tested concept that explains a wide range of observations
- 3. a deep valley
- 4. This soft layer is called
- 5. The transfer of energy through space is called
- 7. Measure of how much mass there is in a volume of a substance