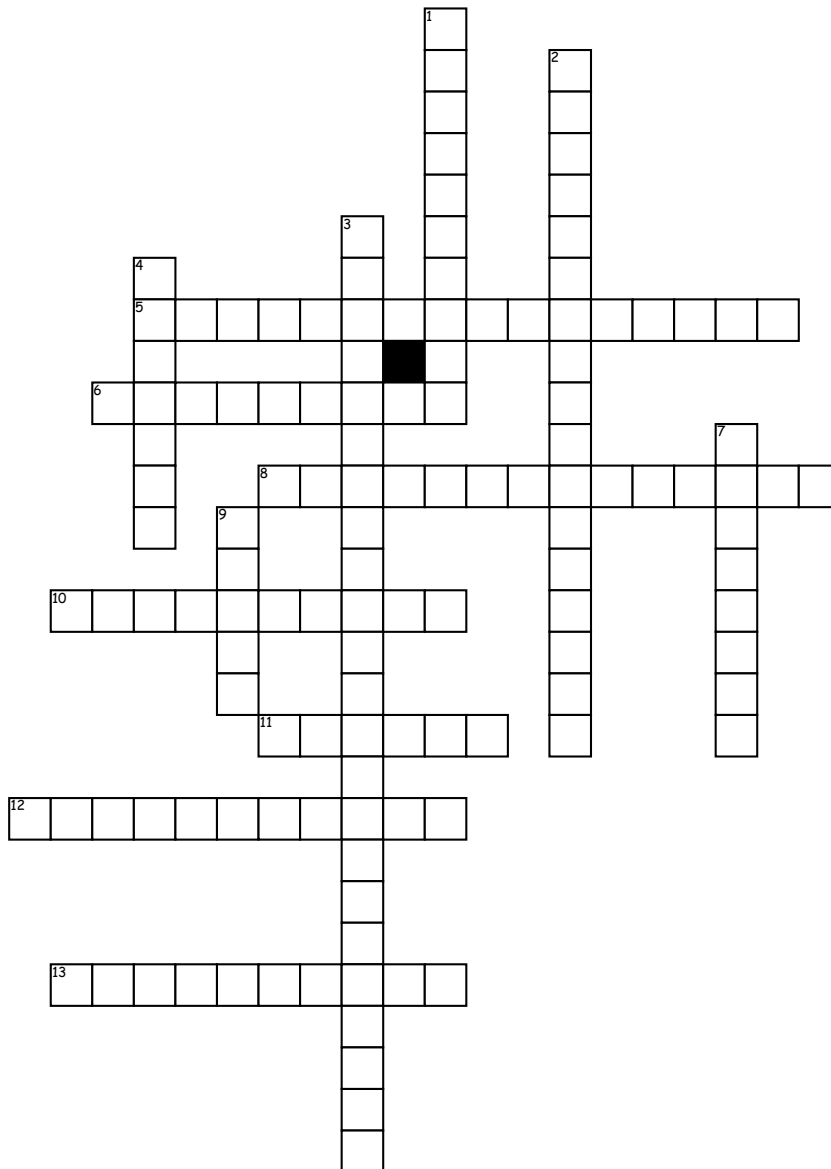


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Earth science crossword



## Across

5. The breakdown of an unstable nucleus into a nucleus with lighter mass by the spontaneous emission of energy and matter

6. Solid irregularly shaped rocky masses smaller than a planet which orbit the Sun; made up of materials similar to that which formed the planets such as clay, silicate, nickel and iron.

8. Theory that the lithosphere is divided into tectonic plates that slowly move on the top of the asthenosphere.

10. The rock that currently exist that geologist use to understand Earth's history.

11. What is a system of millions of billions of stars held together by a gravitational attraction

12. The Sun together with the group of planets and other celestial bodies that are held by its gravitational attraction and revolve around it .

13. Rocks from the moon.

## Down

1. Remains of meteoroids that strike the surface of a planet or moon.

2. A technique used to date materials such as rocks and carbon.

3. The force that keeps all of the planets orbiting the sun

4. The process by which water, ice, wind, and gravity remove and transport sediments from one place to another.

7. the galaxy that contains our Solar System.

9. The third planet in order from the Sun and the only planet that supports life.