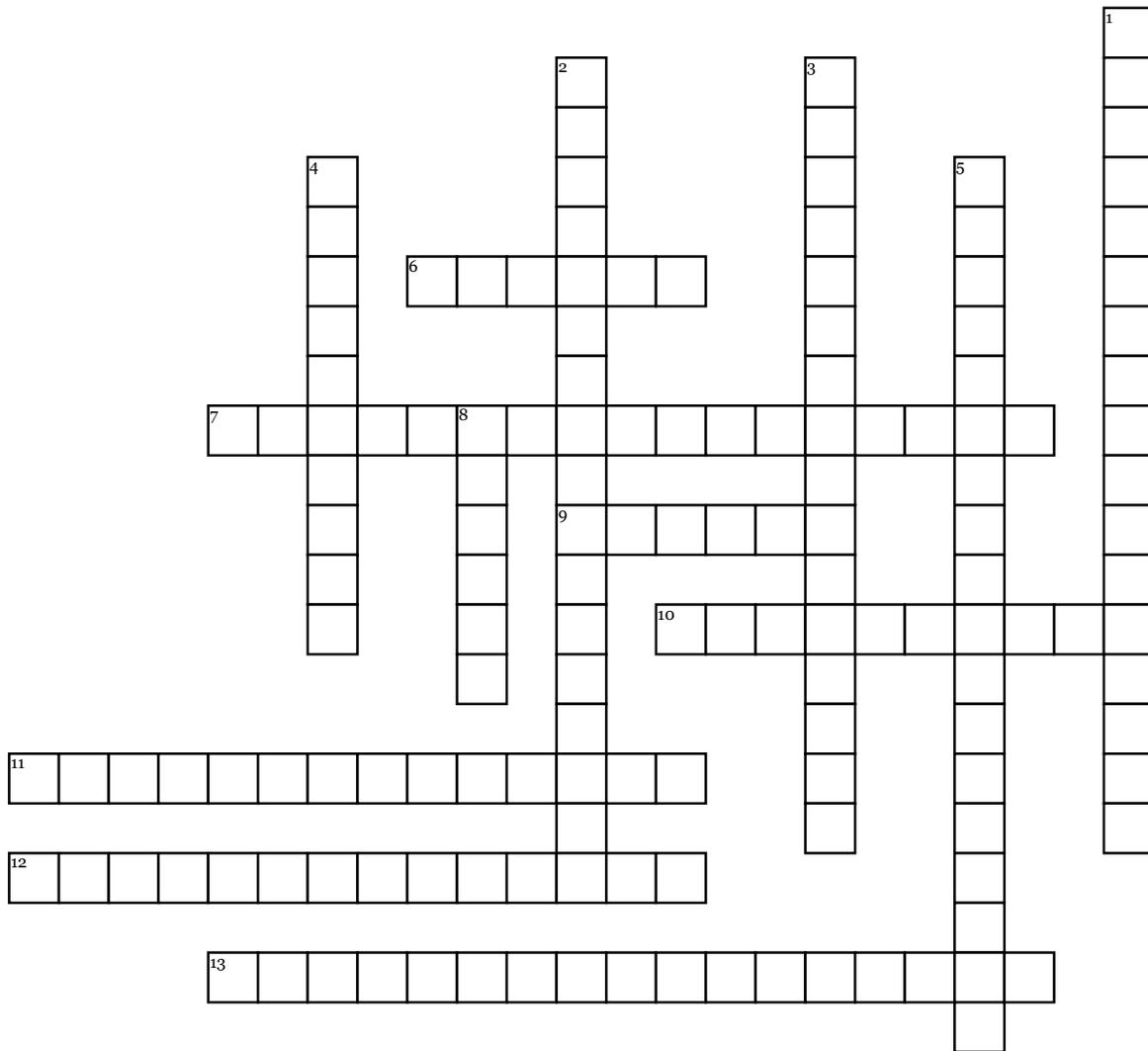


# Plate Tectonics Tic Tac Toe Option #1



**Across**

- 6. What is it called when rocks that break in Earth's crust slip past each other and form along plate boundaries?
- 7. What boundary occurs when plates slip past each other?
- 9. What was the supercontinent that existed 300 million years ago called?
- 10. What is the process called when the ocean floor sinks beneath a deep-ocean trench and back into the mantle?

11. What theory contains the knowledge of sea-floor spreading, Earth's plates and plate motions?

12. What did scientists call mountain ranges that run along the middle of some ocean floors?

13. What is called when the plates move apart, or diverge from each other?

**Down**

1. What is it called when the ocean floor plunges into deep water canyons?

2. What is the process called that occurs when mid-ocean ridges add new material to the ocean floor?

3. What is Wegener's hypothesis known as?

4. What valley occurs when Earth's crust diverges on land?

5. What is it called when plates come together, or converge?

8. What is a trace of an ancient organism preserved in rock called?