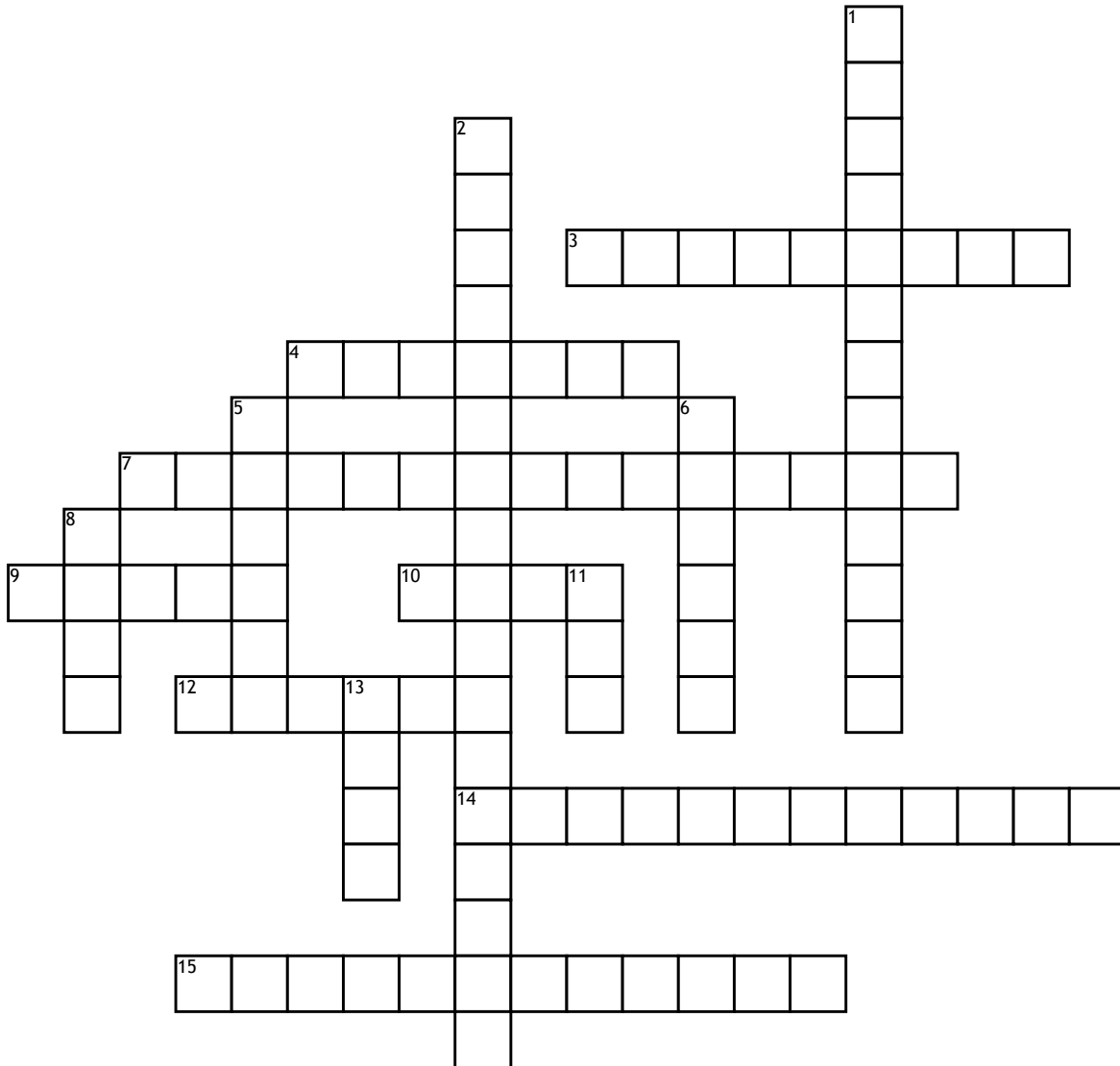


The Hayward Fault



Across

- 3. Where in Berkeley, CA can you notice an aseismic creep?
- 4. The fault is between the North American plate and the _____ plate.
- 7. Who designed the original Memorial Stadium?
- 9. You feel an earthquake? Quick! Drop and _____!
- 10. _____ story buildings often collapse under the stress of seismic waves and cause the entire structure to collapse.

- 12. The hayward fault is a _____ fault, meaning it has both a coseismic slip and aseismic creep.
- 14. What is the earthquake hazard that causes loose sand and silt that is saturated with water to behave like a liquid when shaken by an earthquake?
- 15. Some seismologists speculate that the hayward fault extends past the San Pablo Bay and connects with the _____ Fault.

Down

- 1. In the San Francisco earthquake of 1906 how much of the damage was a result of the fire ?

- 2. How much did it cost to build the new Memorial Stadium, fit to withstand any earthquake?
- 5. How many people died in the 1868 earthquake?
- 6. A _____ fault accumulates stress over time that is released in a large earthquake.
- 8. A person could witness the aseismic creep in Hayward on _____ and Prospect Street.
- 11. How many inches does the Hayward Fault move every year?
- 13. Name one street where a person could witness the aseismic creep in Hayward?