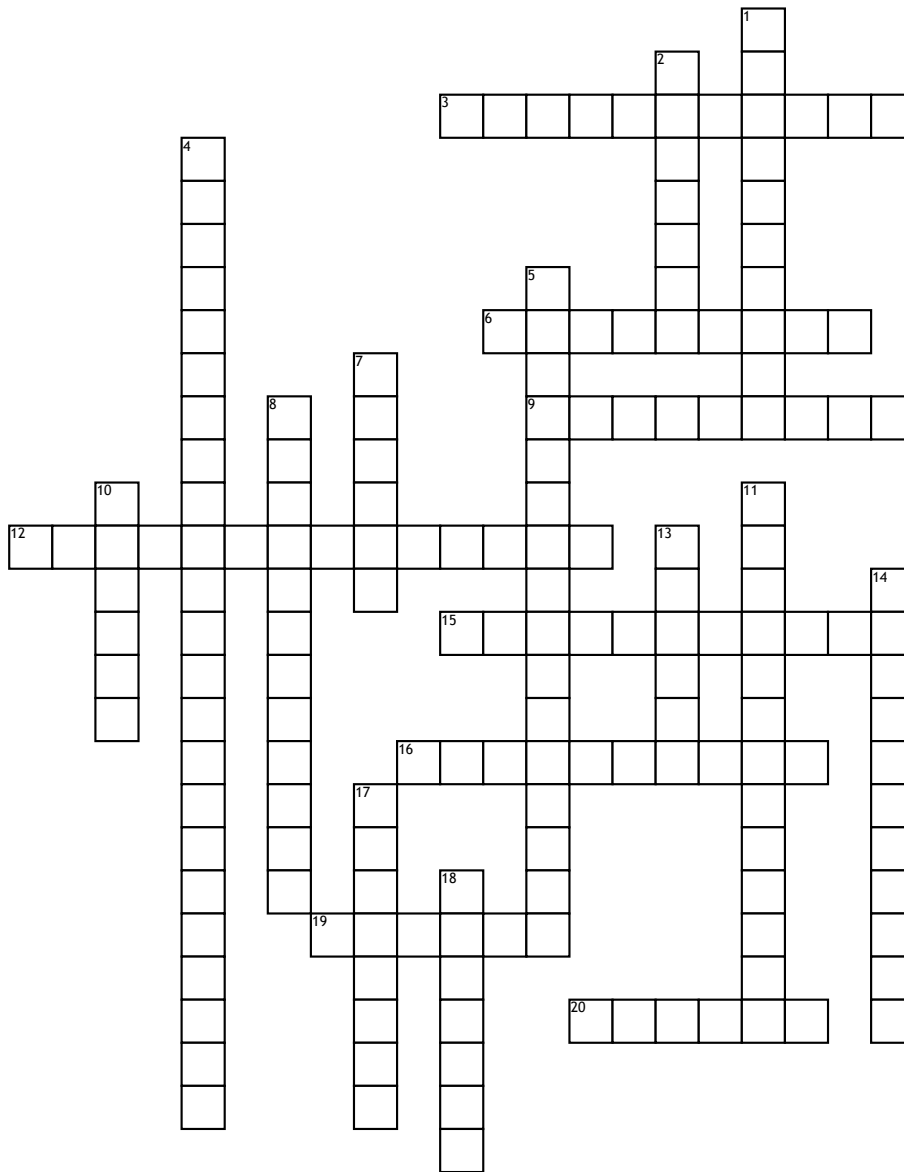


# Gage Mouton, Kristen Darbonne, Elisabeth Mcgrath, and Ian Waters



## Across

3. the instrument used to measure the depth of the ocean

6. one of the three main elements that heat the Earth's interior

9. geologists use this word to describe the forces that shape the Earth's surface

12. deep scratches in rocks made when glaciers move across the land

15. the cold and rigid outermost layer of the Earth

16. when a denser plate sinks below a more buoyant plate

19. the rock that cooling and crystallizing lava makes on the sea floor

20. wegner suggested that the Earth used to be much \_\_\_\_\_

## Down

1. the circulation of material caused by differences in temperature and density

2. \_\_\_\_\_ of similar organisms have been found on several continents that are separated by oceans

4. the network of satellites

5. the hypothesis which suggested that the continents were and are in constant motion

7. the way magma goes when moving towards Earth's surface

8. The man who began investigating whether the Earth's continents were fixed in their position.

10. the proposal of the super continent

11. the layer right below the lithosphere

13. a material that contains iron-rich minerals that are magnetic

14. how far continents move apart or come together each year (unit of measurement)

17. the smallest plate

18. the largest tectonic plate