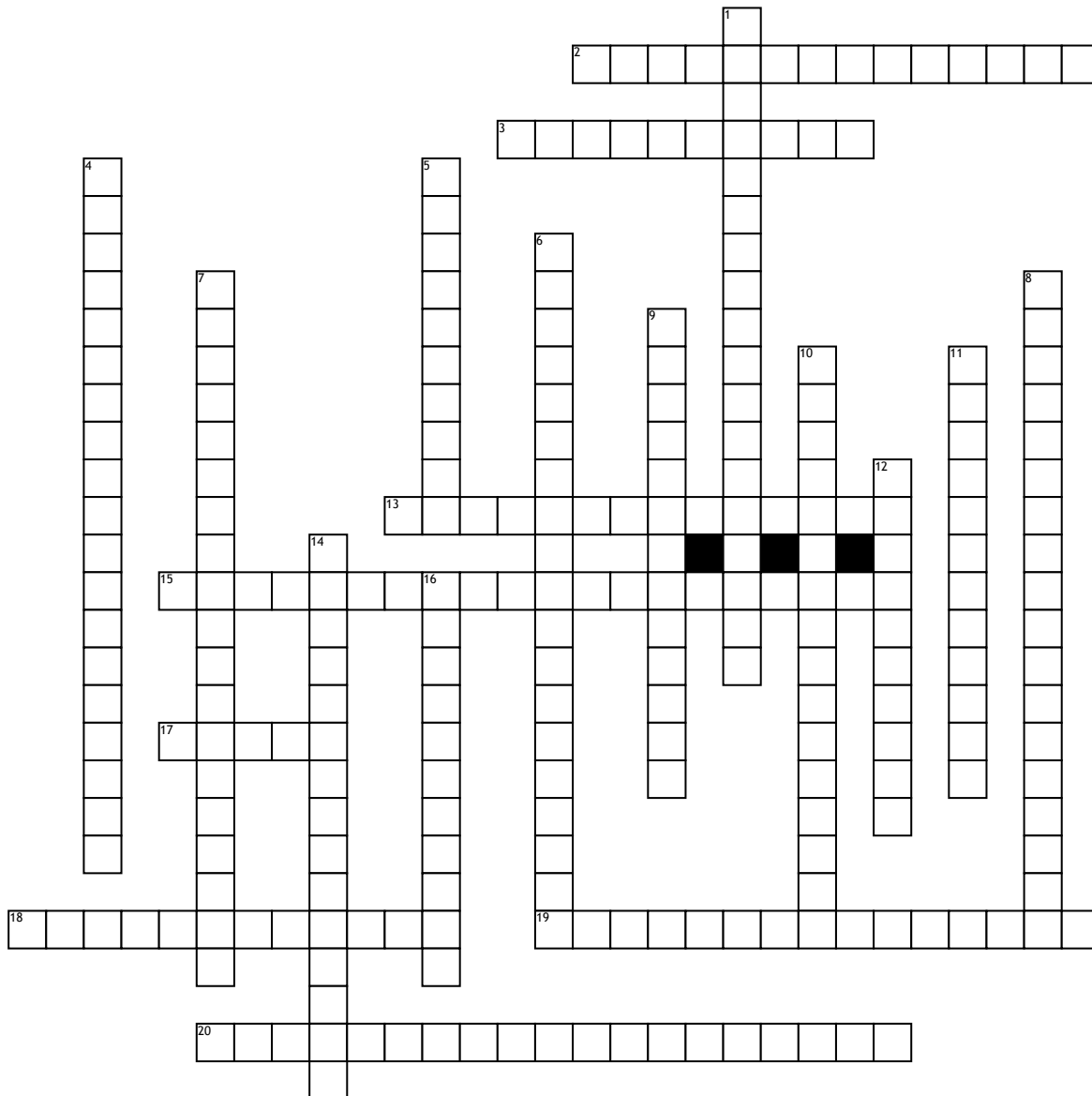


Tectonic plates



Across

2. Huge pieces of lithosphere that slowly move on the asthenosphere and consist of crust and uppermost part of mantle

3. The sideways and downward movement of the edge of a plate on the earth's crust into the mantle beneath another plate

13. Plate division of the lithosphere that includes the crust of surrounding ocean

15. When two plates move toward each other and collide

17. A place where sections of the crust of the earth move relative to each other

18. Plate division of the lithosphere that includes the crust of Africa and the surrounding ocean crust

19. Ridges formed from new crust and material at diverging in a oceanic plate boundaries

20. When two plates move away from each other

Down

1. Plate division of the lithosphere that includes the crust of South America extending to the mid-Atlantic ridge

4. Plate division of the lithosphere that includes the crust of India and Australia and ocean

5. Area of oceanic crust covered by sea water and surrounded dry areas of continental crust

6. Occurs when two tectonic plates slide past each other

7. Either oceanic which is thin and dense or continental which is thick and less dense

8. Plate division of the lithosphere that includes the crust of Greenland, North America, Siberia and surrounding ocean

9. Plate division of the lithosphere that includes most of the land mass of Europe and Asia

10. Event in which molten rock spews out from the mantle to the surface of the earth

11. Plate division of the lithosphere that is composed entirely of oceanic crust under the Pacific Ocean

12. The branch of science concerned with earthquakes and related phenomena

14. The amount of matter in a given space or volume oceanic crust thinner and denser than continental crust

16. Event in which plates shift suddenly and release stored energy