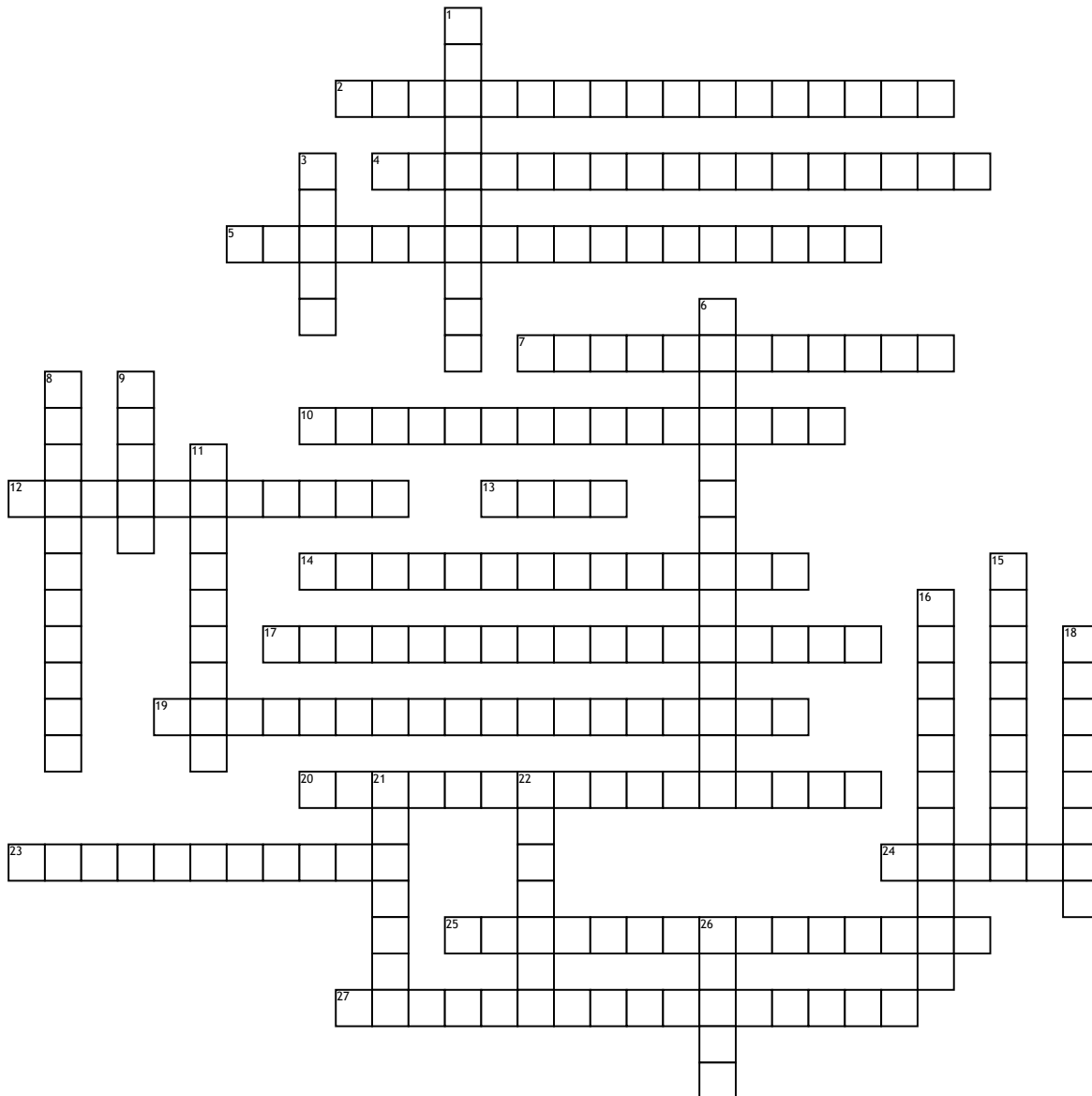


10 Point Cross-Word



Across

2. Occurs at mid-ocean ridges where new oceanic crust is formed through volcanic activity and then gradually moves away from the ridge

4. The boundary between two tectonic plates moving away from each other.

5. Very large blocks of rock, created by tectonic stresses in the Earth's crust

7. Formed from rising magma that pushed the overlying rock layers upward to form a dome shape, without the magma breaking through the surface

10. A feature associated with a transform fault that may occur in the portion of a fracture zone

12. Rocks formed when igneous, sedimentary, or other metamorphic rocks undergo a physical and/or chemical change due to extreme heat and pressure

13. Molten rock that flows from a volcano or from a crack in the Earth

14. A region where one plates moves beneath another plate; associated with oceanic crust sliding under continental crust

17. The boundary between plates sliding past each other horizontally.

19. A boundary that occurs when two tectonic plates collide.

20. A rock that forms from the cooling and solidification of LAVA at the Earth's surface

23. A type of stress that squeezes and shortens a body; associated with a convergent plate boundary and mountain building.

24. The amount of force exerted on each unit of area

25. Minerals whose presence defines a minimum temperature a rock must have achieved in order to complete the metamorphic process

27. A rock formed from the cooling and solidification of MAGMA beneath the Earth's surface

Down

1. Formed on a divergent plate boundary, a spreading apart of the surface, which is further deepened by the forces of erosion

3. A break in a body of rock along which one block slides past another

6. Formed mainly by the effects of folding on layers within the upper part of the Earth's crust

8. The process by sediment grains are bound together to form sedimentary rock.

9. A stress that distorts a body by pushing and twisting parts of the body in opposite directions.

11. The metamorphic rock texture in which mineral grains are arranged in planes or bands

15. The series in which rock forms, changes from one type to another, is destroyed and forms again by geologic processes.

16. Rocks formed when sediment is deposited and becomes tightly compacted

18. A condition when the forces of gravity and buoyancy are balanced between the crust and the mantle

21. A stress that stretches and pulls a body apart.

22. Type of rock formed from liquid, molten material; from the Latin "on fire".

26. Molten material beneath or within the earth's crust, from which igneous rock is formed