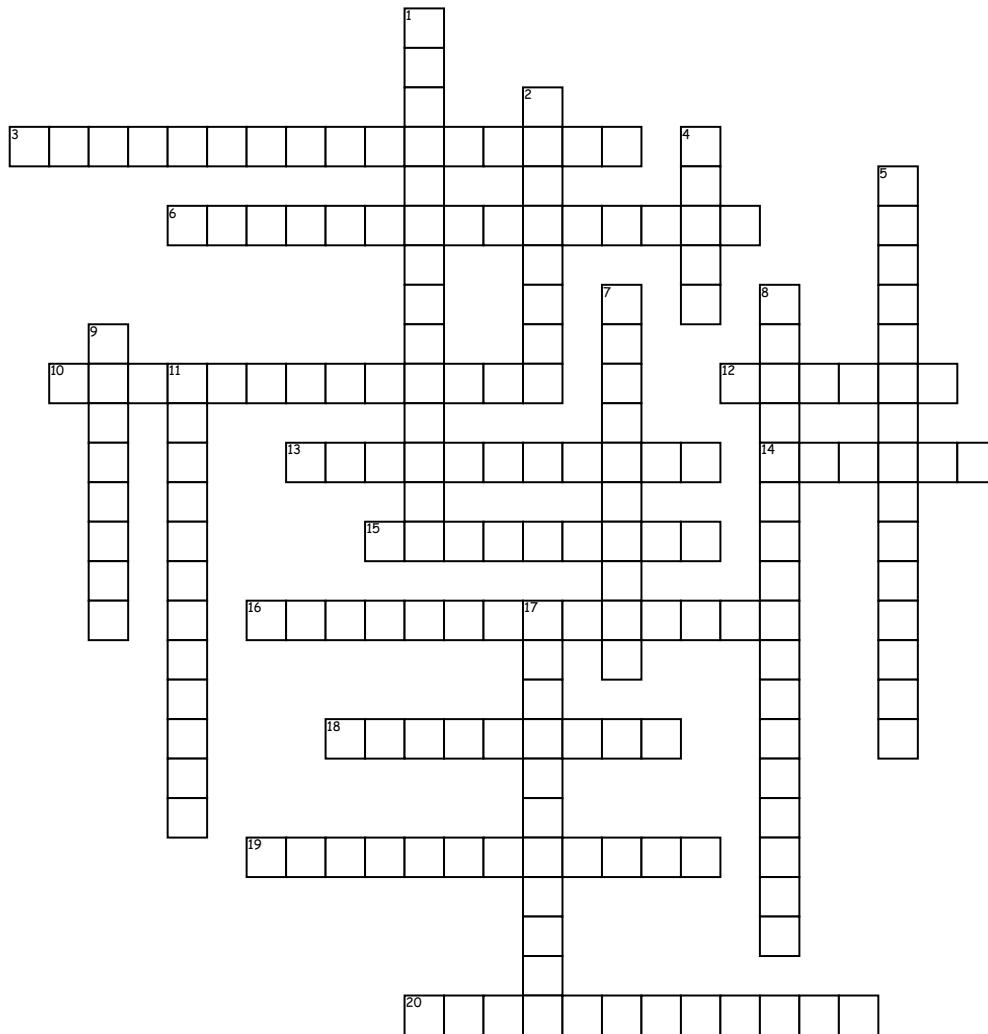


Earth and Space Science



Across

- 3. A stratovolcano, also known as a...?
- 6. What kind of rock was once one form of rock but has changed to another under the influence of heat, pressure, or some other agent without passing through a liquid phase?
- 10. What are underwater mountain ranges called?
- 12. What is the supercontinent that incorporated almost all the landmasses on Earth?
- 13. What is it called when hanging wall has moved downward relative to the footwall?
- 14. What is the state or quality of shining by reflecting light called?
- 15. What is the point on the earth's surface vertically above the focus of an earthquake?
- 16. What is the theory explaining the structure of the earth's crust and many associated phenomena as resulting from the interaction of rigid lithospheric plates that move slowly over the underlying mantle?

- 18. What is the angular distance east or west on the earth's surface, measured by the angle contained between the meridian of a particular place and some prime meridian, as that of Greenwich, England, and expressed either in degrees or by some corresponding difference in time called?
- 19. What kind of rocks are formed by the cooling and solidifying of molten materials?
- 20. If the hanging wall rises relative to the footwall then it is a...?

Down

- 1. What is a type of map characterized by large-scale detail and quantitative representation of relief, usually using contour lines, but historically using a variety of methods?
- 2. What is the angular distance north or south from the equator of a point on the earth's surface, measured on the meridian of the point?
- 4. What is the location where the earthquake begins?

- 5. What kind of rock formed through the deposition and solidification of sediments?
- 7. What is the sideways and downward movement of the edge of a plate of the earth's crust into the mantle beneath another plate?
- 8. What is the formation called when the formation of new areas of oceanic crust, which occurs through the upwelling of magma at mid-ocean ridges and its subsequent move outward on either side?
- 9. What are substances made by nature called?
- 11. What is the uppermost layer of the oceanic portion of a tectonic plate?
- 17. What is a line on a map joining points of equal height above or below sea level?

Word Bank

- | | | | |
|-----------------|------------------|--------------------|-----------------|
| longitude | contour line | oceanic crust | minerals |
| latitude | luster | epicenter | Pangea |
| mid ocean ridge | sedimentary rock | Igneous rocks | plate tectonics |
| reverse fault | metamorphic rock | composite volcano | focus |
| normal fault | topographic map | seafloor spreading | subduction |