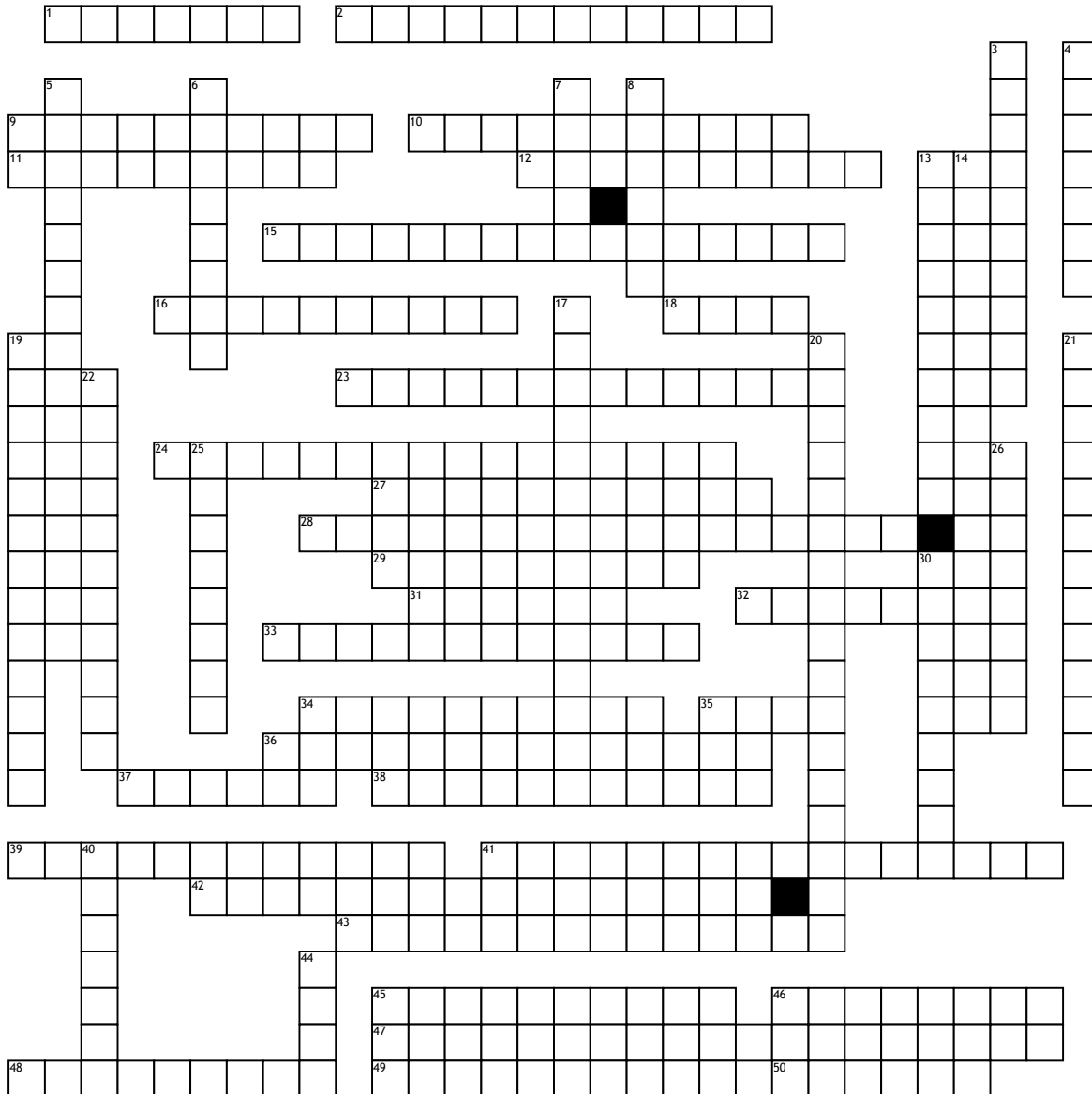


Vocabulary cross word science



Across

1. The degree of compactness of a substance
2. The temperature at which a solid substance melts or fuses
9. Backed by data analysis that supports or refutes the hypothesis.
10. Viewing or noting a fact or occurrence for some scientific purpose.
11. The process of using observation and background knowledge to draw a conclusion
12. Measuring or measured by the quantity of something instead of it's quality.
15. The outer layer of the earth deep under the continents
16. The process by which heat or electricity is directly transmitted through a substance
18. Consists of a nucleus, which has a positive charge, and a set of electrons that move around the nucleus
23. Affecting the form of a chemical substance but not its chemical composition
24. A process for experimentation that is used to explore observations and answer questions
27. Pertaining to or concerned with qualities or quality
28. Where two or more plate boundaries or fragments collide
29. Responsible for generating the planet's magnetic field. Between the mantle and inner core.
31. The substance dissolved in a given solution.
32. Not changing or varying

Down

33. The temperature at which a liquid boils or turns to vapor.
34. The transfer of heat by the circulation or movement of the heated parts of a liquid or gas
35. Facts or statistics or items of information
36. A chemical reaction that rearranges the atoms of one or more substances and changes the chemical properties or composition
37. The land mass that existed when all continents were joined
38. The solid portion of the earth
39. Relatively thin part of the earth's crust that underlies the ocean's basins
41. The new crust that forms from magma when two tectonic plates move away from each other
42. A property or characteristic of a substance that is observed during a reaction when the chemical composition or identity of the substance is changed
43. Occurs without alternating the chemical composition of a substance.
45. The movement caused within a fluid by the tendency of the hotter and less dense material to rise and colder denser material to sink
46. A factor that is liable to change
47. A variable that does not depend on that of another.
48. The a fluid layer composed of mostly iron and nickel. Between the mantle and inner core
49. A test, or tentative procedure.
50. Found in all atoms with a positive charge

Down

3. A proposed explanation made on the basis of limited evidence as a starting point for more research
4. An elementary particle having no charge
5. The movements of continents from the motion of the plates
6. A sentence to elicit information
7. Outer most layer of earth.
8. The portion of the earth between the crust and the core
13. The quality or state of being soluble
14. Where two plates slide against each other in a sideways motion.
17. Plate like sections that move as distinct masses
19. The upper layer of the earth's mantle, below the lithosphere
20. The event studied and expected to change when the independent variable is changed
21. The temperature at which a liquid freezes
22. The degree of heat present in an object
25. A mixture composed of 2 or more separate elements
26. Found in all atoms, with a negative charge
30. The energy that is emitted as particles or waves
40. A substance that can't be broken down into simpler substances by chemical means
44. The center of the earth