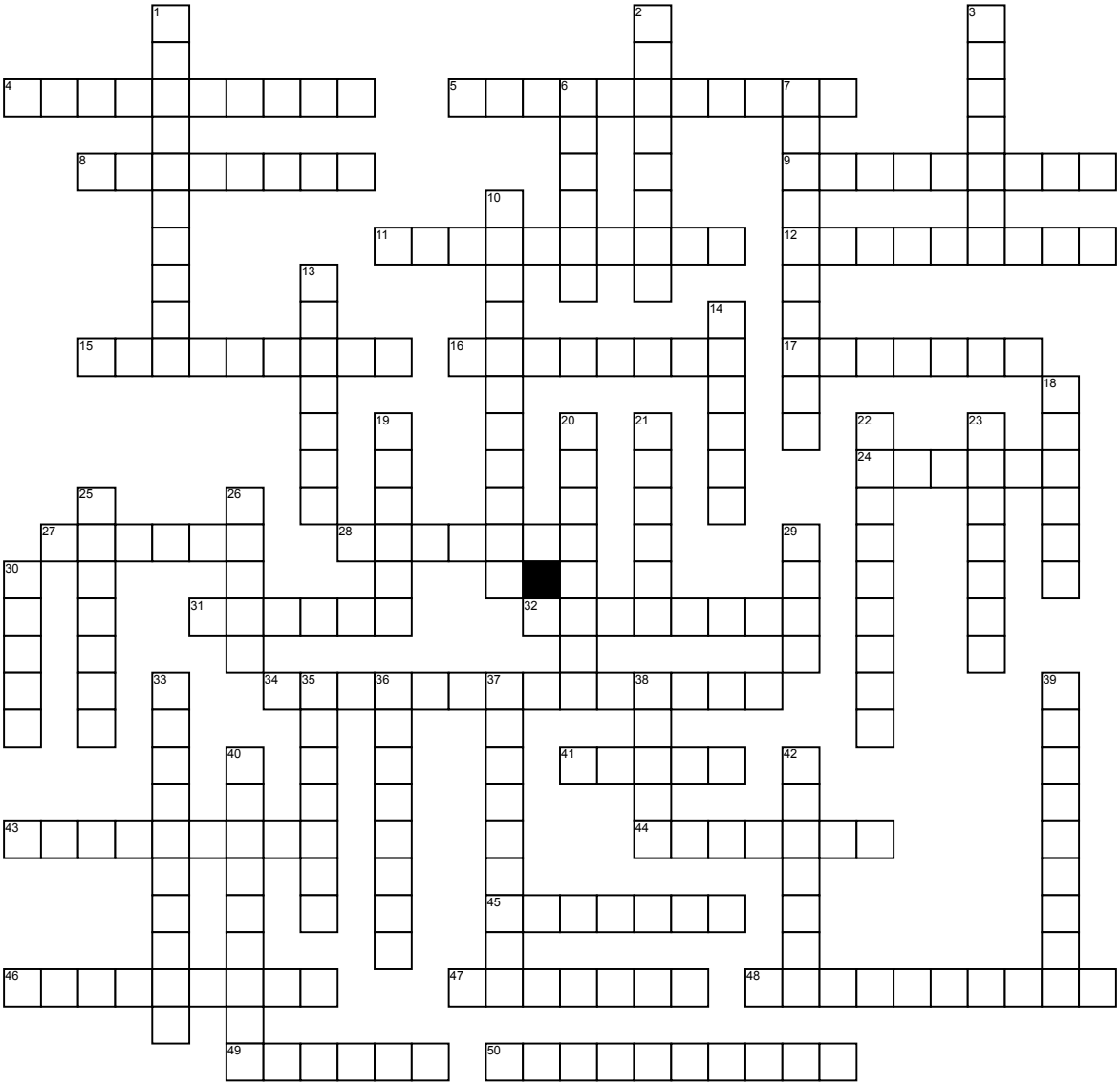
Earth Science



Across

4. layer of atmosphere between the stratosphere and the thermosphere
5. THE FORCE EXERTED BY THE WEIGHT OF A COLOMN OF AIR
8. time needed for half of a sample to decay
9. number of waves that pass through a point during a specific amount of time
11. the horizontal distance between one wave crest to the next
12. community or group of organisms
15. A SEDIMENTARY ROCK FORMED BY THE COMPACTION OF SAND
16. EQUATORIAL TROUGH
17. LINE ON A SURFACE CONNECTING POINTS OF EQUAL VALUE
24. reflective power
27. all pyroclastic material
28. atoms of the same element that differs in the number of neutrons in the nucleus
31. dark-colored igneous rock
32. a centimeter-gram-second
34. NAMED FOR A FRENCHMAN
41. outer most surface of earth
43. location directly above an earthquake
44. A SEISMIC SEA WAVE
45. a rare, hard, and heavy metallic element
46. fossilized excrement of a vertebrate
47. study of rocks
48. process in which particles are deflected haphazardly
49. the capacity to do work
50. small stone ingested by dinosaurs

Down

1. exposure of an object to the sun
2. tendency of a mineral to break away along one or more distant planes
3. a positively charged center of an atom
6. A HUGE LAND MASS THAT WAS ONE CONTINENT
7. where light bounces back from an object
10. the laying, placing, or accumulation of any material
13. gradual removal of land by water, wind, or glaciers
14. LINE ON A WEATHER MAP THAT CONNECTS AREAS OF EQUAL AIR PRESSURE
18. a positively charged particle found in the nuclei
19. light-colored igneous rock
20. extrusive, usually dark-gray, fine-grained igneous rock composed of oligoclase or feldspar
21. organism preserved in rock
22. an instrument to measure barometric pressure
23. a neutral particle
25. measure of how closely packed the particles in a substance are
26. mudflow made up of ash and other volcanic debris
29. center of earth
30. a three-atom form of oxygen in a layer of the stratosphere
33. THE PROCESS BY WHICH HEAT ENERGY IS TRANSFERRED THROUGH THE MOVEMENT OF MATTER
35. part of a rock formation that appears at the surface
36. lines on a weather map that connects areas of equal temperatures
37. COURSE GRAINED IGNEOUS ROCK THAT COOL SLOWLY UNDERGROUND
38. A BREAK IN THE LITHOSPHERE ALONG WHICH BODIES OF ROCK CAN MOVE
39. process in which energy is emitted by one body
40. meteor that hits the surface of earth
42. rock or sediment made up of fragments derived from preexisiting rocks or minerals

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