

8e - Atoms

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Across

3. A vertical column of elements on the periodic table with similar properties. (5)
5. This contains two or more elements chemically combined. (8)
7. Shiny materials that are good conductors of heat and electricity. (5)
11. How the chemical combination of substances takes place. (8)
12. The smallest particle of an element. (4)
14. A horizontal rows on the Periodic table. (6)
17. Another word for substance or stuff. (8)
19. Contains only one type of atom. It is found on the periodic table. (7)
20. A recipe for a particular chemical compound. (7)
21. A scientific representation or picture that helps us to understand how something works. (5)

Down

1. The chemicals that we end up with in a reaction. (7)
2. This means joined together. (8)
4. The starting chemicals in a reaction. (8)
6. This is where we find all the elements listed in order of atomic number(8,5). (13)
8. An element or a compound. (8)
9. Usually electrical insulators with a dull appearance which are poor conductors of heat.(3,5). (8)
10. What distinguishes one substance from another - how we tell substances apart. (10)
13. Regular arrangement of molecules. Diamonds, emeralds and rubies are examples. (7)
15. A group of atoms chemically joined. (8)
16. A sign or abbreviation to represent an element. (6)
18. Form of matter - solid, liquid or gas. (5)