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science crossword molecules and atoms

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| **Across**  **2.** the reigon of negative charge surrounding the nucleus  **5.** a surface that repels water  **8.** the number of protons in a nucleus  **9.** an atom that gained or has lost an electron  **12.** a rustless alloy of steel that includes chromium and nickels  **13.** an ion that has more protons then electrons  **14.** an alloy of iron and carbon  **15.** the basic unit in a polymer  **17.** a mixture of base metal and small amounts of other metal  **18.** shatters if hit  **19.** a molecule made of repeating units formed into long chains  **21.** a substance that releases hydroxide ions | **Down**  **1.** a substance that releases hydrogen iron into an aqueous solution  **3.** a tiny cylinder of of carbon atoms are 100 nm long  **4.** a pure substance that is made up of two or more different types of atoms chemically joined  **6.** carbon fibres or polymer fibres embedded in a plastic matrix  **7.** a grid like structure of atoms or ions in which each particle is bounded to all of its neighbouring atoms  **10.** containing more than one atom  **11.** one-billionth of a metre  **16.** no overall charges  **20.** a substance made up of only one type of atom |