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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 |