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Nature's Chemistry

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| **Across****1.** Family of compounds with the same general formula and similar chemical properties. They show a regular and gradual change in physical properties. **3.** Compounds containing at least one carbon–carbon double bond are said to be...**7.** What family of hydrocarbons have the general formula CnH2n+2 ?**9.** Molecule identified by the carboxyl functional group, ─COOH**10.** Molecule containing a hydroxyl functional group, ─OH group.**11.** Compounds containing only single carbon–carbon bond are said to be...**12.** What name is given to a reaction in which a substance reacts with oxygen releasing energy?**13.** Compounds with the same molecular formula but different structural formulae.**14.** What family of hydrocarbons contain the C=C double bond functional group?**15.** A reaction or process that releases heat energy. | **Down****2.** What systematic name is given to vinegar?**4.** Compounds containing only hydrogen and carbon atoms**5.** A reaction or process that takes in heat energy**6.** Alkenes undergo addition reactions with halogens to form...**8.** Alkenes can undergo addition reactions with water to form alcohols. What name is given to this reaction? |