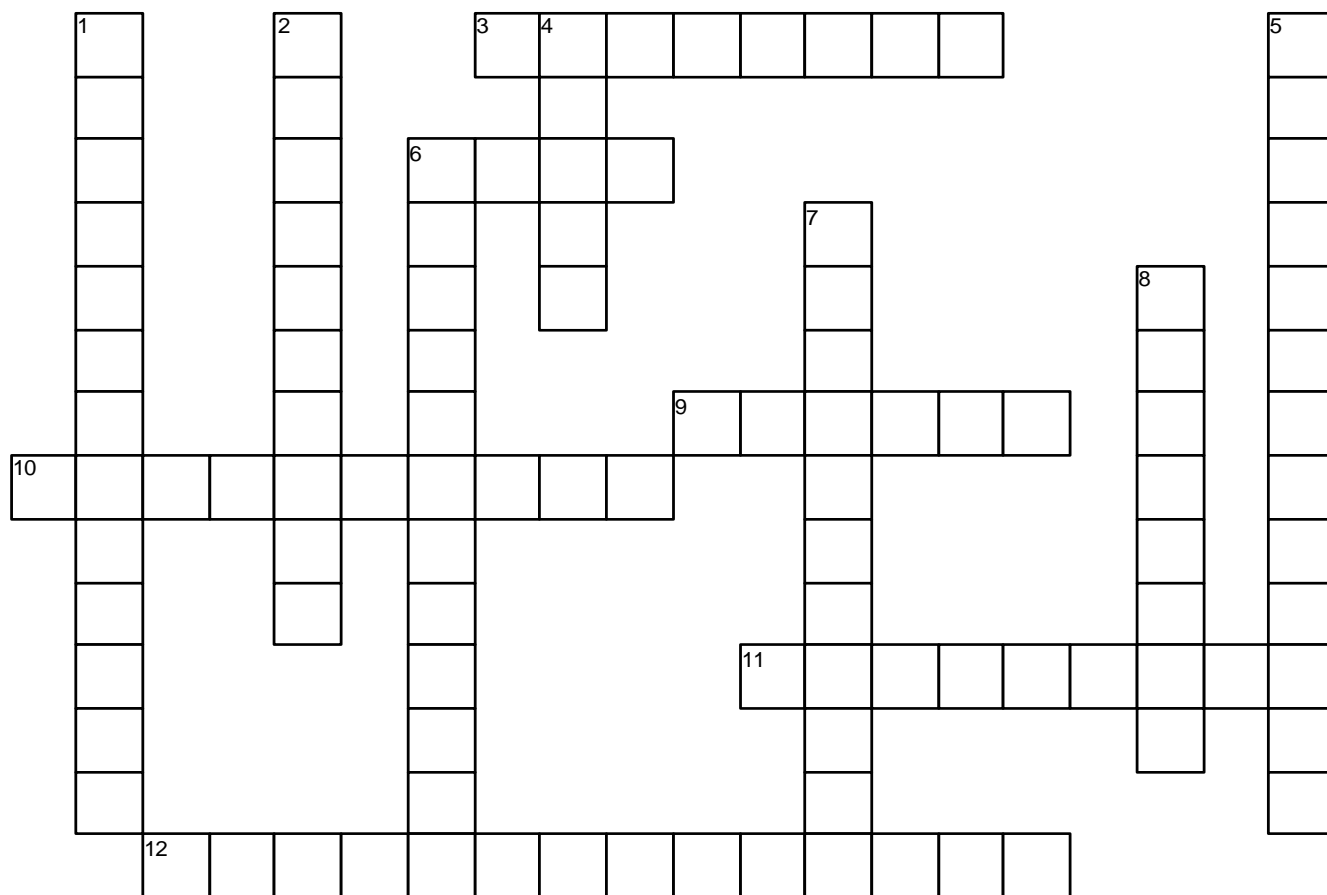


Health and Environmental Concerns

Chapter 3



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ACROSS

- 3 _____ organic compounds (VOC) are gases emitted by paints, solvents, aerosol sprays, cleaners, glues, permanent markers, pesticides, and fuels.
- 6 _____ is a term used to describe a condition that looks like smoke and/or fog.
- 9 Throughout history, most of the energy used in the world has been generated by burning organic fuel that contains _____ (C).
- 10 _____ gases (GHG) are those gases in our atmosphere that, if in too great a concentration can prevent heat from escaping the surface, leading to an increase in the temperature on earth.
- 11 Total carbon _____ includes energy-related emissions from human activities, including heat, light, power, refrigeration, and all transport-related emissions from vehicles, freight, and distribution.
- 12 Chlorofluorocarbons (CFCs), Hydrochlorofluorocarbons (HCFCs), Halons and Methyl bromide are all _____ - _____ substances.

DOWN

- 1 The process of storing carbon dioxide underground is called _____.
- 2 There is a large difference in intensity and thus in the amount of light or radiation. The term used to define the amount of solar radiation is _____.
- 4 _____ is composed of three atoms of oxygen and is abbreviated O₃.
- 5 All life-forms are able to collect, store, and use energy from their environment. In carbonbased biology, the basic energy storage compounds are in _____, where the carbon atoms are linked by single bonds into a chain.
- 6 While there is some ozone in the lower atmosphere, called the troposphere, it is small compared to the amount in the upper atmosphere, called the _____.
- 7 _____ (UV) radiation is divided into three designations based on its impact on living organisms.
- 8 _____ refers to rain that has a pH lower than 7, indicating that it is acidic.