








What is the definition of the word **SYNTHETIC**?

Materials that are made only by humans
and cannot be found in nature

Which of the following items are made from synthetic materials or products?


-  **TRUE** / FALSE **A)** soda
-  TRUE / **FALSE** **B)** salt
-  TRUE / **FALSE** **C)** apple
-  **TRUE** / FALSE **D)** newspaper
-  TRUE / **FALSE** **E)** leather

**WELL
DONE!**



Synthetic gases are gases made by humans. They are not normally found in nature. The synthetic greenhouse gases that have the greatest effect on global warming are **chlorofluorocarbons**, or **CFCs**. CFCs were created in 1928. They were used for many purposes, such as refrigeration, aerosol cans, and cleansers.



In 1986, scientists discovered that CFCs were breaking down the ozone layer in the stratosphere. The ozone layer is important because it stops some harmful radiation from the Sun from reaching Earth's surface. People feared that the hole in the ozone layer would lead to a rise in **skin** [continue reading](#) 

Match the Residence Time to the Greenhouse Gas

Greenhouse Gas

Touch the Image to see the definition.

Residence Time



CARBON DIOXIDE

120 YEARS



METHANE

500 YEARS



NITROUS OXIDE

10 DAYS



TROPOSPHERIC OZONE

12 YEARS



CHLOROFLUOROCARBON (CFCs)

100 YEARS



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