

GREENHOUSE GASES

The greenhouse gases are in the atmosphere. Here are some questions on the greenhouse gases.

1. QUESTION

For each greenhouse gas below match the human source.

SORT ELEMENTS

- fluorinated gases
- carbon dioxide
- methane
- nitrous oxide

produce by intensive cattle farming, landfill waste –	
produce from combustion engines of vehicles, agriculture –	
produce from combustion of fossil fuels and solid waste –	
synthetic gases from industrial processes –	

2. QUESTION

One of these gases is not a man-made compounds that destroys ozone in the upper atmosphere (stratosphere).

- | | |
|---|---------------------------------------|
| ☐ chlorofluorocarbons (CFCs) | ☐ water vapour |
| ☐ hydrofluorocarbons (HCFCs) | ☐ halons |

3. QUESTION

All ruminant livestock such as cattle, sheep, buffalo, goat, deer, camels release this gas from their digestive system.

- | | |
|--|---|
| ☐ nitrous oxide | ☐ sulfur dioxide |
| ☐ methane | ☐ nitrate |

4. QUESTION

Greenhouse gases make Earth _____.

- ☐ colder
- ☐ warmer
- ☐ wetter
- ☐ more humid

5. QUESTION

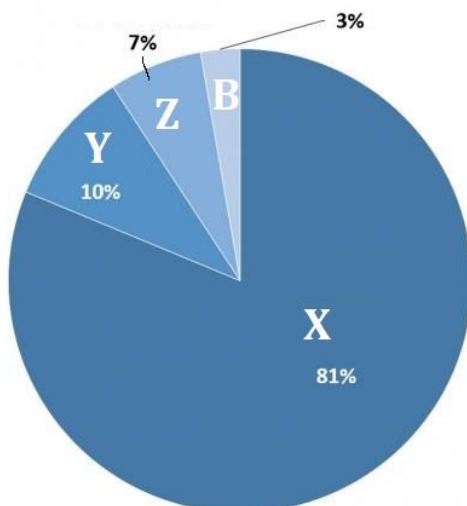
From which of the following CFCs (Chlorofluorocarbons) released?

- ☐ ruminant livestock farts
- ☐ burning fossil fuel
- ☐ waste gas from refrigerators and air conditioners
- ☐ volcanic eruption
- ☐ deforestation and forest fires

6. QUESTION

Which greenhouse gas is represented by x in the diagram below?

Overview of Greenhouse Gas Emissions in 2018



- ☐ water
- ☐ CFC's
- ☐ nitrous oxide
- ☐ methane
- ☐ carbon dioxide

7. QUESTION

The most abundant gases in the earth's atmosphere by volume are:

- ☐ oxygen and ozone
- ☐ oxygen and helium
- ☐ carbon dioxide and nitrogen
- ☐ oxygen and water vapor
- ☐ nitrogen and oxygen

8. QUESTION

Why are we not reducing our emissions?

- ☐ We are evil.
- ☐ There are no clear signs , like flooded cities.
- ☐ We don't know about the actual consequences for our everyday life and the rapid changes required.