

# GLOBAL WARMING

Global warming \_occurs\_\_\_\_\_ (1) when the Earth retains more heat than it releases into space, resulting in an increase in the temperature of the Earth's oceans and atmosphere. This phenomenon \_\_\_\_\_ (2) due to the increase in greenhouse gases and the deterioration of the ozone layer.

Greenhouse gases \_\_\_\_\_ (3) naturally by trapping the sun's heat on Earth, preventing it from escaping back into space. Some of these gases are carbon dioxide (CO<sub>2</sub>), methane, water vapor, and nitrous oxide. Excessive manufacturing currently unbalances the Earth's temperature, which causes problems. Large amounts of these gases \_\_\_\_\_ (4) from burning coal and oil, vehicle pollution, forest fires, and excessive livestock farming.

If the ozone layer is damaged and \_\_\_\_\_ (5) thinner, as is happening, the Earth receives more heat. Climate change \_\_\_\_\_ (6) long droughts, heavy rains, tornadoes, and rising sea levels as ice melts at the poles and snow-capped mountains. Changes in ecosystems \_\_\_\_\_ (7) the lives of many animal and plant species, causing their extinction. Crops also suffer damage and there \_\_\_\_\_ (8) food shortages.

1: Occurs  
Occurred  
Occurring

5: became  
becomes  
becoming

2: is  
was  
being

6: causes  
causing  
caused

3: are produced  
produced  
produce

7: affecting  
affects  
affect

4: emitting  
emit  
are emitted

8: are  
was  
will

