Match paragraphs 1-5 to their subheadings a-e.

a) What is our responsibility?
b) What causes climate change?
c) How can we stop climate change?
d) What is climate change?
e) What are the effects of climate change?

Climate Change

1 _____

Climate change is an issue that affects every country in the world. When we talk about climate change we are referring to changes in the Earth's weather, in particular **global warming** or the increase in the planet's temperature.

2 _____

In the last 200 years, human activity has resulted in excessive amounts of **greenhouse gases** being produced. When people burn **fossil fuels**, such as coal, oil and gas they release the greenhouse gas, carbon dioxide into the **atmosphere**. Methane, another greenhouse gas is produced by bacteria in landfill sites and from modern agriculture. These gases trap heat in the atmosphere, just like the glass walls of a greenhouse trap the sun's heat. This is causing the Earth's temperature to rise.

3 _____

Climate change is having a devastating effect on our planet. We are experiencing longer and more **extreme** heat waves. In some areas, farmers cannot grow crops or find suitable land for their animals because of droughts. If temperatures continue to rise, many plants and animals will not be able to survive. In other areas, climate change is causing heavier rainfall and severe floods. In addition, many cities and countries located at sea-level are at risk from flooding due to rising sea levels caused by melting ice caps and glaciers. If we do not take action, these problems will probably get worse.

4 _____

If we want to reduce climate change, we must reduce our 'carbon footprint' which is the amount of greenhouse gases we **release** into the atmosphere. Small changes in our daily lives can make a big difference. For example, we can turn off lights and electronic devices when we are not using them, walk or ride a bike instead of travelling by car, take shorter showers to save water, use reusable bags instead of plastic bags and recycle our waste.

5 _____

LIVEWORKSHEETS