

**03** When combustion takes place in a car engine, many pollutants are formed.

**03.1** Complete the sentences below. Use words from the box.

complete	hydrogen	incomplete	nitrogen	oxygen	petrol
pressure	sulfur	temperature	total	volume	

Combustion is a reaction where a substance reacts with \_\_\_\_\_.

Carbon monoxide and particulates are formed when the alkanes in the petrol undergo \_\_\_\_\_ combustion.

Nitrogen reacts with oxygen to form nitrogen oxides in an engine because of the high \_\_\_\_\_ there.

There is an impurity in some fuels called \_\_\_\_\_. When it reacts with oxygen and forms an oxide, it forms acid rain.

**[4 marks]**

**03.2** Link the pollutants on the left with the impact that the pollutant has on the environment.

**[2 marks]**

Draw just **two** lines.

Sulfur dioxide
----------------

Acid rain
-----------

Particulates
--------------

Global warming
----------------

High winds
------------

Global dimming
----------------