

Name: _____ Date: _____

Physical and Chemical Change

Q1. Ozone acts as a natural shield against ultraviolet radiation. Explain

Ans. _____

Q2. What happens when magnesium ribbon is burnt in air?

Ans. _____

Q3. What is rusting?

Ans. _____

Physical and Chemical Change

Q1. Ozone acts as a natural shield against ultraviolet radiation. Explain

Ans. It protects us from the harmful ultraviolet radiations which come from the sun. Ozone absorbs this radiation and breaks down to oxygen. If ultraviolet radiation were not absorbed by ozone, it would reach the earth's surface and cause harm to us and other life forms.

Q2. What happens when magnesium ribbon is burnt in air?

Ans. When the magnesium ribbon burnt in air, it reacts with oxygen found in the air to form Magnesium Oxide. After it burns, it forms a white powder of the magnesium oxide. The change can be represented by the following equation:



Q3. What is rusting?

Ans. If a piece of iron is left in the open for some time, it acquires a film of brownish substance. This substance is called rust the process is called rusting.

The process of rusting can be represented by the following equation:

