

# OXYGEN REACTIONS NOTES

Combustion (burning)

- a reaction in which \_\_\_\_\_ reacts with a hydrocarbon to produce energy in the form of \_\_\_\_\_ and \_\_\_\_\_.
- Examples:
  - \_\_\_\_\_
  - \_\_\_\_\_
  - \_\_\_\_\_

Photosynthesis

- The process that uses light energy (\_\_\_\_\_), carbon dioxide and water to make glucose (sugar) and \_\_\_\_\_.

Write the chemical equation for Photosynthesis:

Cellular Respiration

- Process that breaks down glucose with \_\_\_\_\_ to produce carbon dioxide and water.
- Occurs in the cells every living thing!
- \_\_\_\_\_ and ANIMALS!

Write the chemical equation for Cellular Respiration:

Rust

- Rust is an iron oxide, formed by the reaction of IRON and \_\_\_\_\_ in the presence of water.

Draw a diagram of Photosynthesis:



Draw a diagram of Cellular Respiration:

