Non-Metal + Oxygen → Non-Metal Oxide

The non-metal oxides produced are *Acids*.

If they are compounds with 2 Oxygens (O₂), they are referred to as DiOxides. (Like CO₂.)

So: $C + O_2 \rightarrow CO_2$

REMEMBER

- The **diagonal line** on the Periodic Table, starting at Boron (B) and Silicon (Si), are semi-metals.
- Everything to the left of this line is a metal.
- Everything to the right of this line is a non-metal.