

LAWS (PRINCIPLES) OF GEOLOGIC HISTORY FACT SHEET

Name _____ Class _____

Law of Superposition

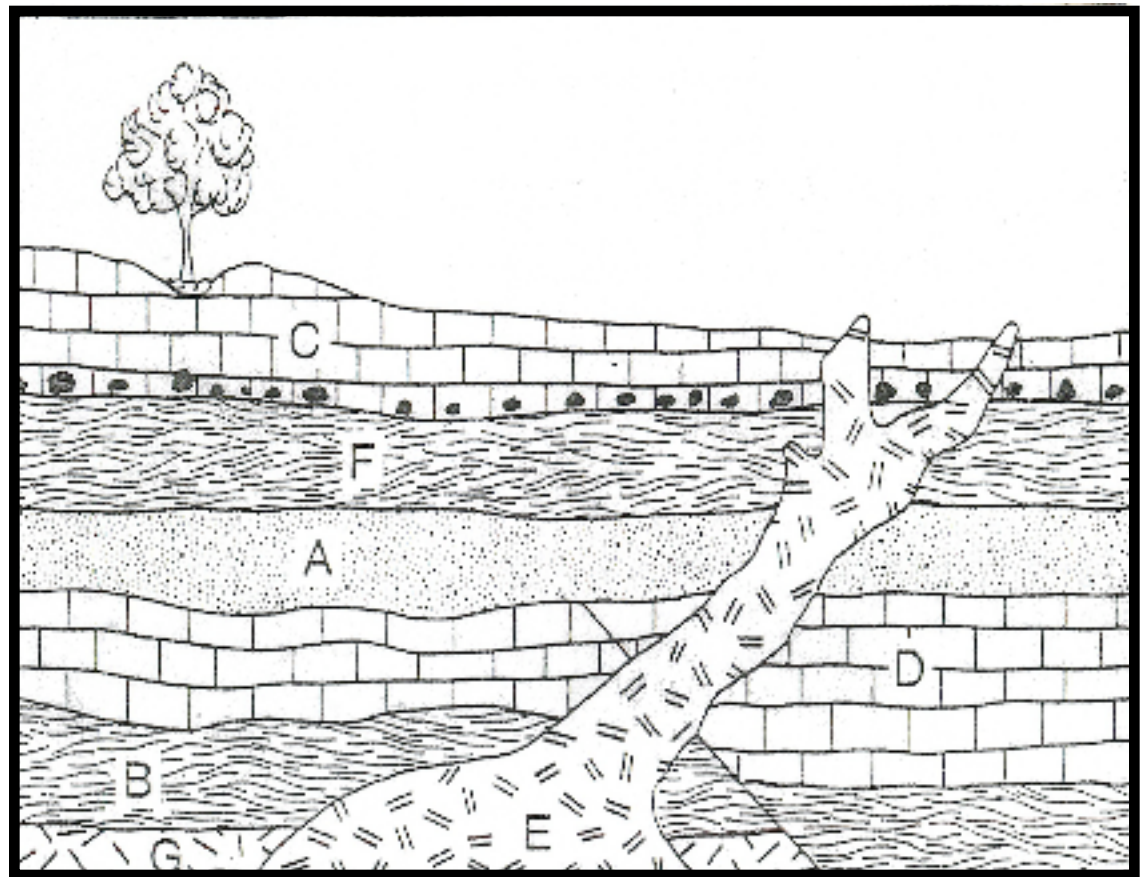
Law of Uniformitarianism

Law of Cross-Cutting

Law of Inclusions

Law of Unconformities

Principle of Folding



RUN HALF OF THE NUMBER YOU NEED AND CUT IN HALF DOWN THE MIDDLE.

Pieces of rock found in other layers are **ALWAYS** older.

Missing rock layers show missing time.
Caused by erosion. Usually shown with a wavy line.

Younger rocks are on the top.
Older rocks are on the bottom.

Anything cutting across a rock layer is **YOUNGER**. The rock had to be there first!
Cross-Cuts can be **Igneous Intrusions** or **Igneous Extrusions** or **Faulting** (Earthquakes) or **Folding**.

The Present is the key to the Past.
Things happened in the past the same way they happen in the present.

Folding always happens **AFTER** the layers have been deposited. Caused by Tectonic Activity--stress on the plate by convection currents squeezing on the plate.

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