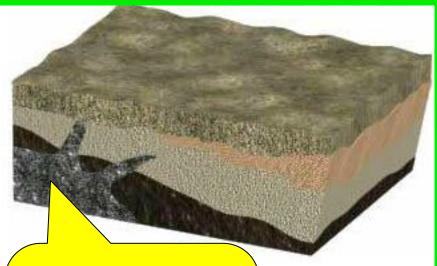


Layers aren't perfect... CROSS-CUTTING



1) Igneous _____



2)

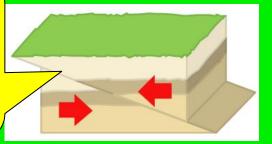
The intrusion is

than the rock it cuts through

The fault is

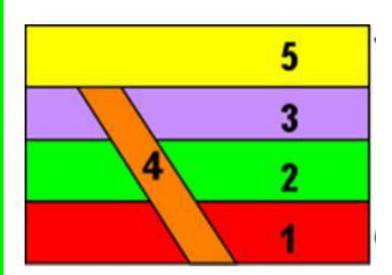
than

the rock it cuts through



Cross-Cutting relationships

 States that an intrusion or a fault is than the rock it cuts across

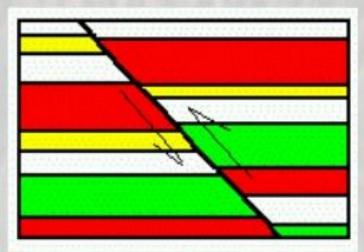




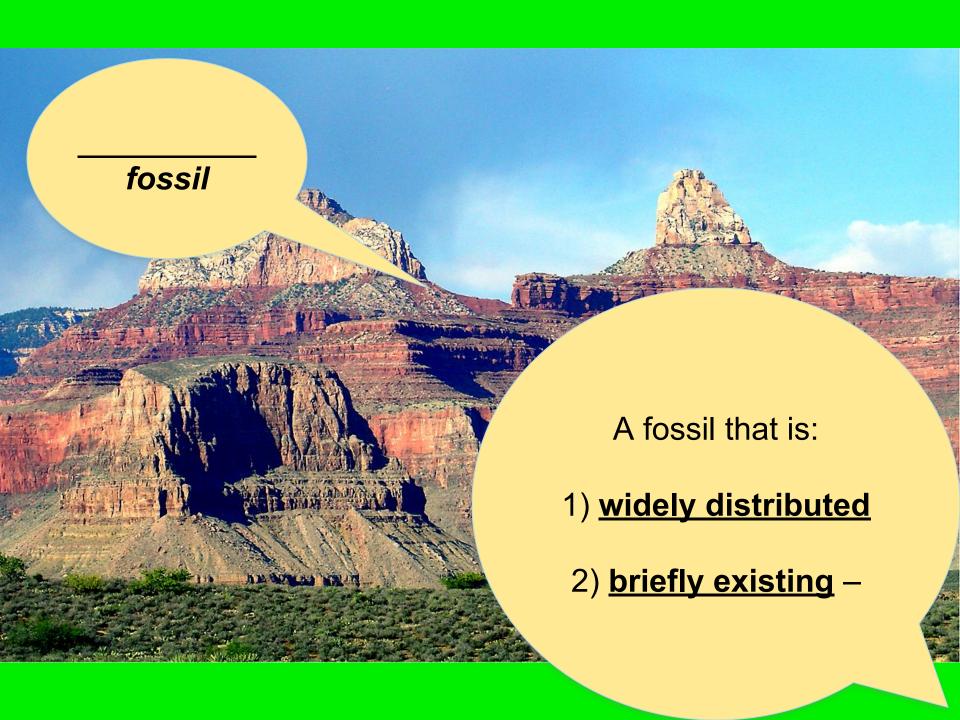
Normal fault cutting across volcanic tuff layers near Kingman, Arizona

Principle of Cross-Cutting Relationships – Faults

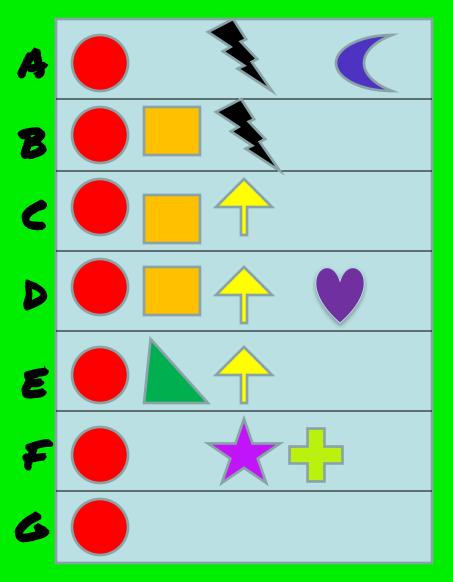
Where a fault cuts across a sequence of sedimentary rock, the fault is than the rocks it cuts.



The sedimentary rocks are than the fault which cuts them, because they had to be there first, before they could be faulted.



NORTH AMERICA



EUROPE SOUTH AMERICA

Preview Tonight's HW

