

Graphic Organizer (Teacher Copy)

	Relative	Absolute (chronometric)
Similarities	-Used to date rocks and objects	-Used to date rocks and objects
Differences	-Can determine the order in which events took place (which came first) -Based on location of object relative to other objects	-Can determine a numerical range for how long ago an event took place or object was created -Based on physical properties of object
Techniques	-Stratigraphy (study of rock layers)	-Items with known dates -Counting tree rings (dendrochronology) and layers of ice -Using radioactive isotopes: Uranium, potassium, carbon -Thermoluminescence -Optical dating -Amino acid dating