

Name _____ Date _____

Law of Superposition – younger rocks lie above older rocks in an undisturbed sequence. Fossils are the same age as the rock layer they are found in, with older fossils in the older rock layers.

Using the diagram and key below, answer the following questions:

1. What fossil is the oldest? _____
2. What fossil is the youngest? _____
3. Which has been around longer: birds or reptiles? _____ How did you know? _____
4. Using what you know about how rocks formed, what formed the intrusion? _____
5. There is a layer of extrusive rocks in the diagram, how did it get there? What event happened? _____
6. Which happened first, the intrusion or the extrusion? _____
7. There is grass growing on top of all the layers, yet there are remains of sea life below, how is that possible? _____

