**VOCAB: Fossils & Geologic Time** Name**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_**

**Interpreting Graphs & Charts:**

1. Based on the Law of Superposition, previously discussed during our unit on rocks, what is the name of the youngest layer rock shown in Figure 21-5 on p.558?
2. Read the section titled “Index Fossils” on p. 568.
   1. What is an Index Fossil used for?
   2. List 3 characteristics a fossil must have before it can be considered an Index Fossil.

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|  | **K**  **(What You Need to KNOW )** | **I**  **(Information)** | **M**  **(Memory Clue)** |
|  | **Geologic Time Scale** |  |  |
|  | **Intrusion** |  |  |
|  | **Uniformitarianism** |  |  |
|  | **Law of Superposition** |  |  |
|  | **K**  **(What You Need to KNOW )** | **I**  **(Information)** | **M**  **(Memory Clue)** |
|  | **Fossil** |  |  |
|  | **Index Fossil** |  |  |
|  | **Extinction** |  |  |
|  | **Mass**  **Extinction** |  |  |
|  | **Absolute Dating** |  |  |
|  | **Relative Dating** |  |  |
|  | **Radioactive Decay** |  |  |
|  | **Half-Life** |  |  |