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|  | Question | Answer |
| 1 | Geologic time is divided into units based upon types of \_\_C\_\_? | 1. Sedimentary rocks
2. Climate changes
3. Organisms
4. Igneous rocks
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| 2 | The longest subdivision in geologic time is a(n) \_\_\_\_? | Eon |
| 3 | A lifeform in the Precambrian Era was \_\_A\_\_?  | 1. Cyanobacteria
2. Humans
3. Reptiles
4. Dinosaurs
 |
| 4 | Little is known about Earth’s Early History because \_\_D\_\_? | 1. Precambrian rocks have been deeply buried
2. Precambrian rocks have been changed by heat and pressure
3. Precambrian soft-bodied life-forms weren’t often preserved as fossils
4. All of the above
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| 5 | The change in environments that may have occurred early in the Phanerozoic Eon may have been caused by \_\_C\_\_. | 1. Mass extinctions
2. Evolution of dinosaurs
3. Plate tectonics
4. The beginning of the ice age
 |
| 6 | Humans first appeared during the \_\_\_\_\_ Era | Cenozoic |
| 7 | Where did the water in the Earth’s oceans come from? \_\_\_\_ and \_\_\_\_ | Gases released from volcanic eruptions, and icy comets |
| 8 | Major changes in the environment \_\_D\_\_ | 1. Can cause new organisms to flourish
2. Can cause many existing organisms to go extinct
3. Can result in existing organisms adapting quickly
4. All of the above
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| 9 | How would an asteroid impacting Earth effect the climate? | The dust and rocks thrown into the atmosphere rapidly cause global cooling. |
| 10 | What type of energy causes volcanism and plate tectonics? | Thermal Energy |
| 11 | Protocontinents were first formed during the \_\_\_\_ Eon | Proterozoic |
| 12 | If layers of rocks are millions of years old, then the \_\_\_\_ rocks are on top, and the \_\_\_\_ rocks are on the bottom. This is the Principle of \_\_\_\_ | Youngest, Oldest, Superposition |
| 13 | Scientists organized the geologic time scale based on \_\_\_\_ | Superposition, and fossils in the rock layers |
| 14 | During the Proterozoic Eon, the Earth’s atmosphere changed from \_\_\_% oxygen to \_\_\_\_% oxygen. This was called the \_\_\_\_ \_\_\_\_ | 3%, 20%Oxygen Catastrophe |
| 15 | 2 supercontinents \_\_\_\_ and \_\_\_\_, had warm shallow oceans near the shores | Pangea, Rodinia |