

Name: Keg Hour: _____

Geologic Time Scale According to Scientists

For each item identify which Era it belongs to.

Precambrian

Paleozoic

Mesozoic

Cenozoic

1. Plate tectonic theory – continental plates moved Pangaea to where they are today. *Mesozoic*
2. Cambrian explosion *paleozoic*
3. Meteorite hits and causes mass extinction – evidence of iridium *Mesozoic*
4. 90% of the Earth's history is in this Era. *Precambrian*
5. Mass extinction of much marine (aquatic) life *paleozoic*
6. First eukaryotes *precambrian*
7. Increase in oxygen in the atmosphere due to photosynthetic bacteria *precambrian*
8. Most recent ice age that may have killed off the mammoths *Cenozoic*
9. Sharks and bony fish appear *paleozoic*
10. Start of Earth's history *Precambrian*
11. Flowering plants appear *Mesozoic*
12. Modern humans appear *Cenozoic*
13. Land plants and insects appear *paleozoic*
14. Amphibians appear *paleozoic*
15. First plants appear *paleozoic*
16. First prokaryotes (bacteria) *precambrian*
17. Dinosaurs appear *Mesozoic*
18. First birds appear *Mesozoic*
19. Multicellular organisms appear *precambrian*
20. The Era we are currently in? *Cenozoic*