

Name _____

Date _____ Period _____

Geologic Time Activity

Use the highlighted websites to answer the questions that follow.

Geologic Time Scale

1. In order from oldest to present, what are the three eras of geologic time?

2. Which era do we live in? _____

3. During which era did the first fish develop? _____

4. During which era did the first humans develop? _____

5. Which era is known as the "Age of the Dinosaur?" _____

6. Which era is known as the "Age of Mammals?" _____

Paleozoic and Mesozoic Era

7. When did the Paleozoic Era take place? _____

8. Where did life exist at the beginning of the Paleozoic Era?

9. Give two examples why the Paleozoic Era is called the "Age of the Invertebrates".

10. Earth's greatest mass extinction (that we know about) took place at the end of the Paleozoic Era. What was the name of that period? _____. What percent of Earth's species died off? _____

11. How did the Mesozoic end? List three hypotheses that may explain what happened at the end of the Mesozoic Era.

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[Cretaceous Period](#)

[Jurassic Period](#)

[Triassic Period](#)

12. True/False: Both plant and animal-eating dinosaurs existed during the Jurassic Period.
13. True/False: The Jurassic Period is the longest Period during the Mesozoic Era.
14. During which of the above Periods did the first flowering plants appear?

[Cenozoic Era](#)

15. Identify the time period covered by the Cenozoic. _____
16. Describe has happened during the Cenozoic in terms of:

Continents

Climate

Animals

[Precambrian Eon](#)

17. About how much of Earth's history took place during the Precambrian Eon?

18. How did life forms change before the end of the Precambrian Eon?

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19. How did the atmosphere change before the end of the Precambrian?

20. Use this the following website to fill out the geologic time scale.

<https://www.nps.gov/subjects/geology/time-scale.htm>

EON	ERA	Period	Events
Phanerozoic Eon	Cenozoic Era	Quaternary	
		Tertiary	
	Mesozoic Era		
	Paleozoic Era		
Precambrian Eon	Proterozoic Era		
	Archaean Era		
	Hadean Era		No Life