

SHOW ME YOUR FINDINGS!

Directions : Answer the following questions after completing the **Student Activity**
“Making a Geologic Time Line”

1. Name the 4 eras of geologic time in order from oldest to most recent. Then, indicate the time span of each era to the right of that era. Some have been started for you.

Precambrian Era = _____ years ago to _____ years ago

_____ Era = _____ years ago to _____ years ago

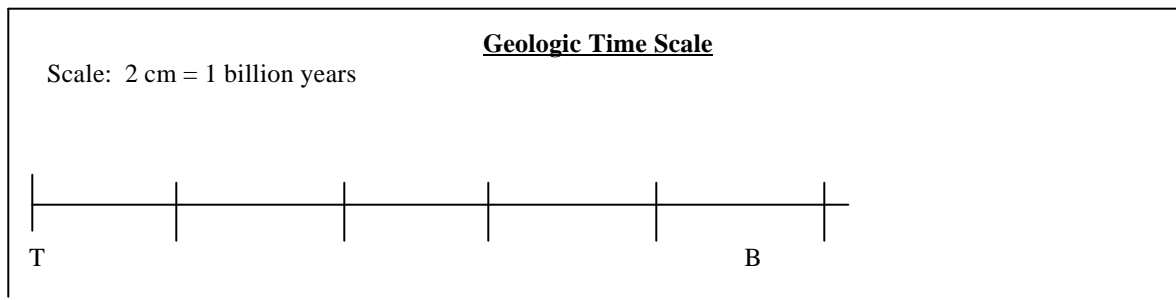
_____ Era = _____ years ago to _____ years ago

_____ Era = _____ years ago to present day

2. What era began 65 cm from today on our time line?
3. How old is the Earth?
4. During which era did the mosasaur swim in the interior seaway?
5. During which era did Pangaea begin to break up?
6. How do we learn about the history of the Earth? For example: How do we know that dinosaurs really existed?
7. What is the geologic time scale?
8. Just as your life’s history is broken up into sections, the history of the Earth is broken up into smaller sections called eras. Your history can be broken up into sections and a labeled as birth, elementary years, middle school years, high school years, professional years, etc. Since the Earth’s history covers BILLIONS of years, it is broken up into sections called eras. How do scientists determine when an era begins and when it ends?

9. The timeline below marks the beginning of the geologic time scale to present day. If you had to make an educated guess as to when the following events took place, where would you place them on this timeline? Place the letter on the time line where you think the corresponding event occurred. The first few have been done for you.

T = Today
B = The Beginning Of Time
D = Dinosaurs Became Extinct
R = The Oldest Known Rocks
H = First Humans
P = Precambrian Era Began
Pa = Paleozoic Era Began
M = Mesozoic Era Began
C = Cenozoic Era Began



10. When do you think the era that we live in will end? What would the next era be called?