

## **Geologic Time Scale**

Study the diagram and answer the questions that relate to what you see.

1. What does the term geologic refer to?
2. There are three subdivisions of time of the geologic scale. Name all three.
3. The Cenozoic era is the only era divided into epochs. Explain why.
4. In which era and period did the Appalachian Mountains begin to form?  
  
The Rocky Mountains?
5. Which are older, the Appalachians or the Rockies? By how many years?
6. How many years passed between the time the dinosaurs were dominant on earth and when they became extinct?
7. Would it be possible to find a fossil of a fish that is 400 million years old? Explain why or why not.