

# Geologic Time Line Comparison

Name \_\_\_\_\_ Block \_\_\_\_\_

1. There is very little activity on the Earth Time Line during the Precambrian Era. What's going on in Missouri during this time?
2. What is the major difference between the Precambrian and the Paleozoic Eras as you look at the Earth's Time Line?
3. What event created the rock which is found today at Johnson Shut-Ins State Park?
4. What event created the rock which is found today at Elephant Rock State Park?
5. As you look at the Missouri Time Line, what event occurred over and over again?
6. What life forms might you expect to find in Missouri other than crinoids during the Paleozoic Era?
7. What minerals were formed roughly 550 million years ago?
8. When was the sandstone found in eastern Missouri originally deposited?
9. Why is there a difference between the Ice Age dates for the Missouri Time Line and the Ice Age dates for the Earth Time Line?
10. Study the scale of the two time lines. How many years does 1 cm equal on both the lines?  
Earth \_\_\_\_\_ Missouri \_\_\_\_\_  
How many years does 1 meter equal on both the line?  
Earth \_\_\_\_\_ Missouri \_\_\_\_\_
11. Which Era is the longest? \_\_\_\_\_ the shortest? \_\_\_\_\_
12. When geologists developed the geological eras, they had to base each era on some major event or change. According to the time lines, what major even occurred on Earth at
  - a. the end of the Paleozoic?
  - b. the end of the Mesozoic?
  - c. predict how we could tell the Cenozoic Era was over: