

Name: _____

Date: _____

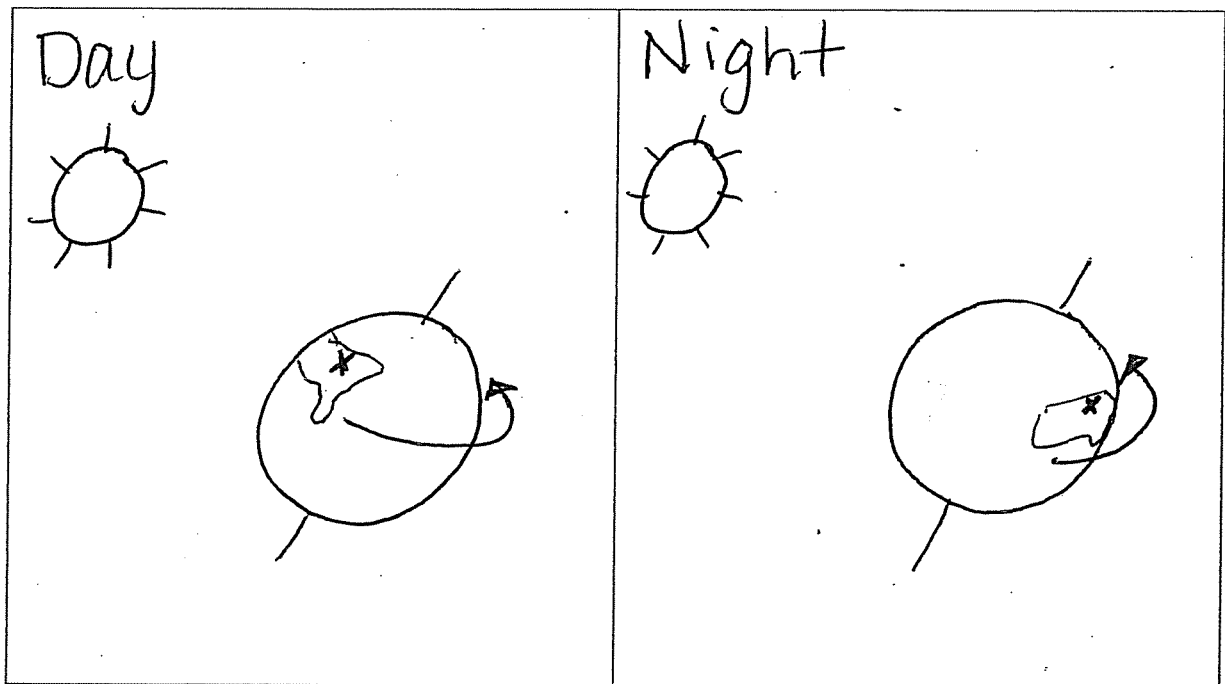
View From the Earth Review Guide

My Test is on Friday, February 3, 2017

1. What causes day and night on the Earth?

Day and night is caused by the Earth's rotation.

2. Draw a picture to show what day and night look like. Place an X to show where you are on the Earth and where the sun is during the daytime and nighttime.



3. What direction does the moon appear to travel across the sky?

east to west

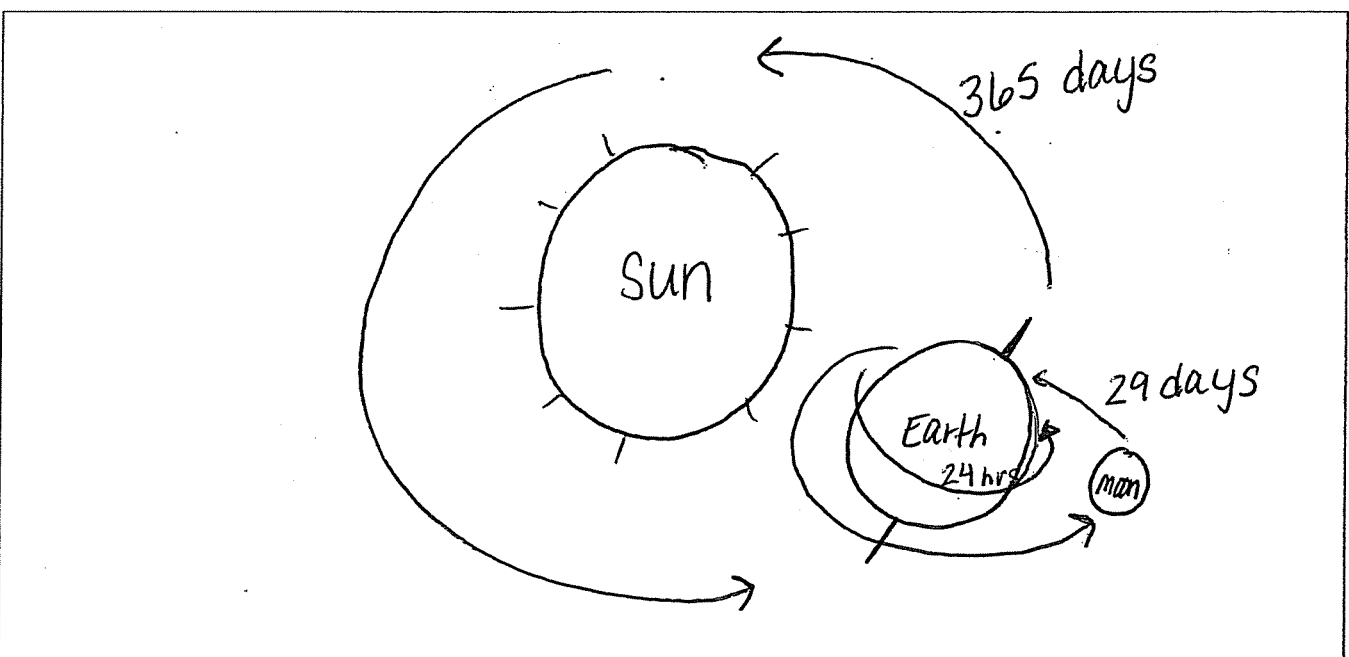
4. What direction does the sun appear to travel across the sky? east to west
5. Is the sun actually moving across the sky? NO. Why does the sun appear to move across the sky?
The sun appears to move because of the Earth's rotation.
6. There are two main causes for the seasons on Earth. What are the two main causes?
a. tilt
b. revolution around the sun
7. How long does it take the Earth to complete one full rotation on its axis? 24 hours
8. A year (or 365 days) is how long it takes the Earth to revolve around the sun
9. If you were 10 years old, how many times has the Earth revolved around the sun? 10
10. Are the sun and the moon the same size? NO Why does the sun and moon appear to be the same size in the sky?
The moon is closer to the Earth than the sun.

11. Satellites are objects in space that revolve around something. What object is a satellite to Earth? MOON

12. What causes the moon's different phases?
The moon's revolution around the Earth.

13. It takes the moon 29 days to complete a full revolution around the Earth.

14. Draw a picture illustrating the following things: *Earth's rotation on its axis, Earth's rotation around the sun, the moon's rotation around the Earth.* Make sure to label your picture using the time it takes to complete each movement described above.



15. How long do fossils take to form at least 1 million years

16. What can fossils tell us?

Life forms from long ago - some may be extinct and some may still be surviving

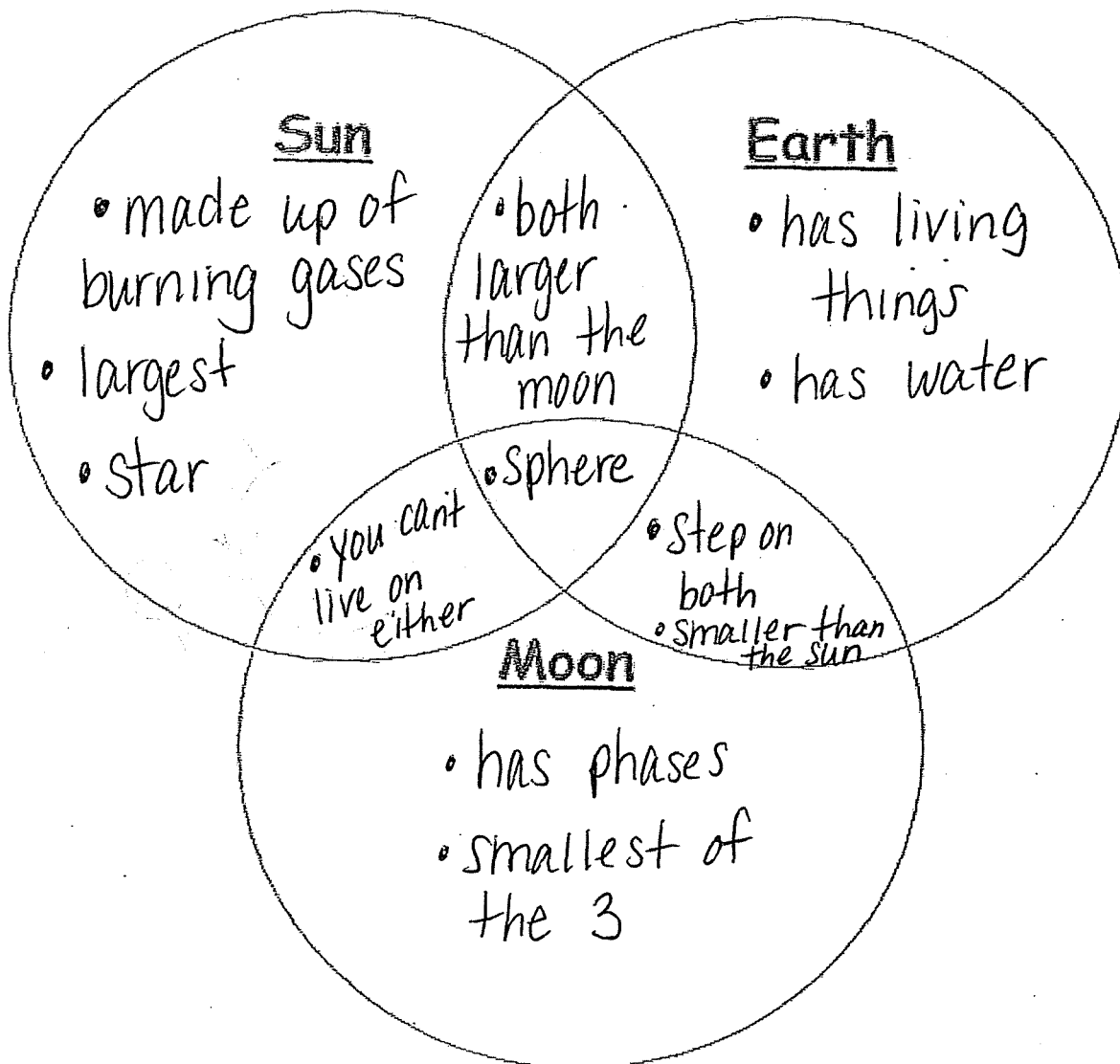
17. If frozen remains of an animal were found with plants still in its stomach, what can we assume about this animal's diet?

It is a plant eater

18. Based on the contents of the animal's stomach, what can we assume about the environment during that time period?

There were a lot of plants available.

19. Compare the sun, moon and Earth using the Venn diagram.



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5. Is the sun actually moving across the sky? _____. Why does the sun *appear* to move across the sky?

6. There are two main causes for the seasons on Earth. What are the two main causes?

- a. _____
- b. _____

7. How long does it take the Earth to complete one full *rotation* on its axis? _____

8. A year (or 365 days) is how long it takes the Earth to _____

9. If you were 10 years old, how many times has the Earth revolved around the sun? _____

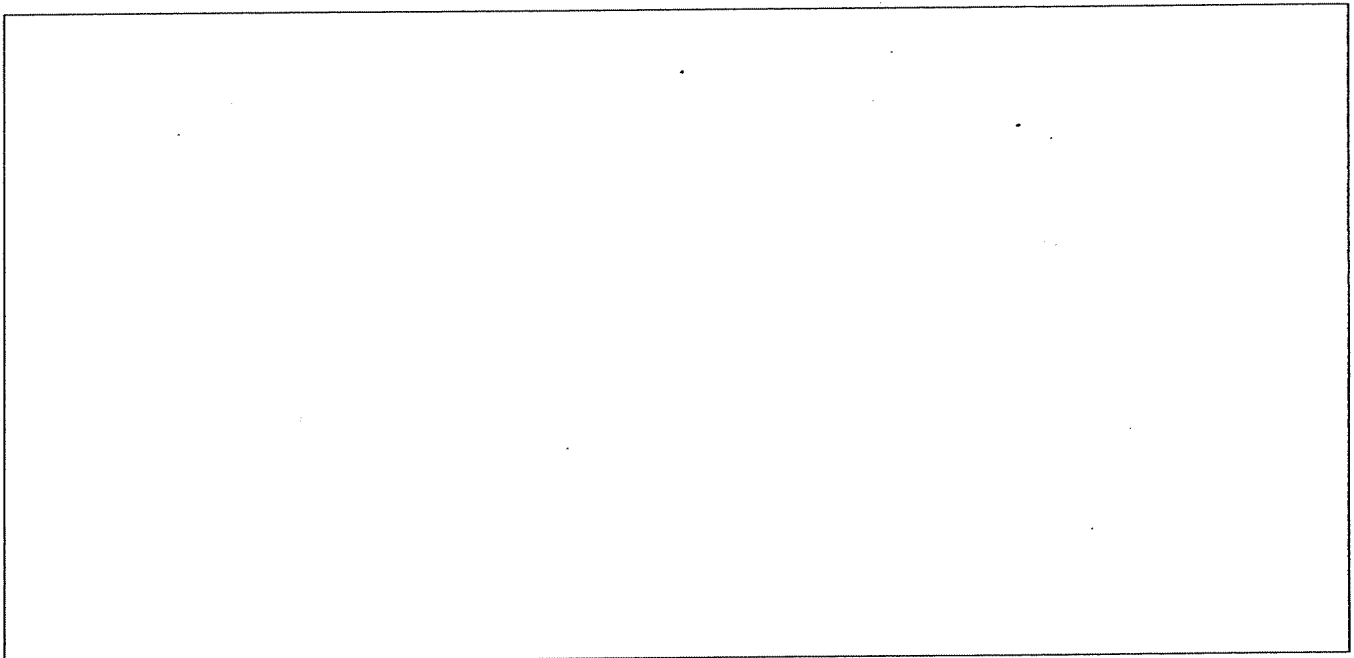
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14. Draw a picture illustrating the following things: *Earth's rotation on its axis, Earth's rotation around the sun, the moon's rotation around the Earth.* Make sure to label your picture using the time it takes to complete each movement described above.



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