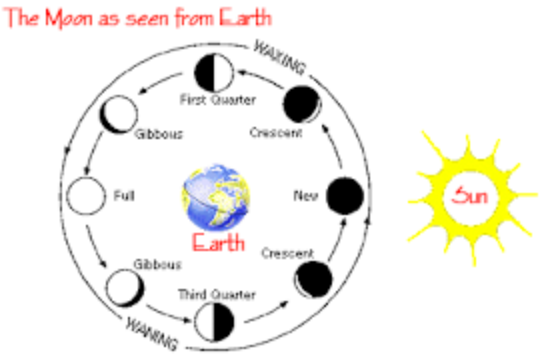
Name: _____ Date: _____ Period: _____

Bill Nye: Moon Video Worksheet

Answer the following questions, as they are shown in the Bill Nye video.



1. The Earth moves around the _____ and the moon moves around the _____.

2. The moon looks different to us on earth because of the way the _____ hits it. Moonlight is really _____.

3. During a new moon, the moon is between you and the _____. During a new moon, you can't _____ the moon.

4. During a half moon, sunlight is falling on _____ of the moon.

5. During a full moon, the earth is between the sun and the _____.

6. Sometimes you can see the moon during _____.

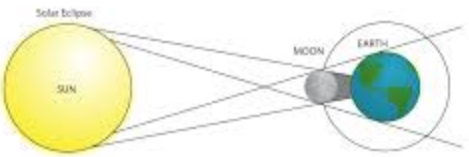
7. Moon glow is really _____.

8. The moon does not have as much _____ as the Earth, so it doesn't have an atmosphere.

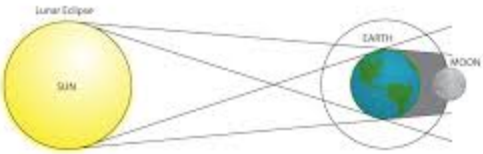
9. Moon rocks reflect a lot of _____.

10. One theory of where the moon came from is that the _____ was hit by an ancient asteroid a a piece of _____ flew off. The pull of gravity held it in orbit around the Earth.

11. The moon's gravity pulls on earth's _____, which is the main reason we have _____.



12. A _____ eclipse is when the shadow of the moon falls on the Earth.



13. A _____ eclipse is when the shadow of the earth falls on the moon.

14. Why don't we get an eclipse every month: It's all because the moon's orbit has a little _____.

15. Ancient Greek astronomers realized the Earth was round when they saw _____ on the moon.

16. Only _____ people have set foot and walked on the moon.

17. The gravity on the moon is _____ of the gravity on earth. If you weigh 60 lbs on earth, you would weigh _____ on the moon.

18. If you could jump 2 feet off the ground on earth, you could jump 12 feet off the ground on the _____.

19. The moon looks different throughout the month because of its _____.

20. The moon has no _____. There are no plants or animals.

21. The moon has _____ . We know because we left detectors there.

22. The Greeks and Romans saw the face of a _____ and Asians see a bunch of animals in the shadows.

23. The only way to see the far side of the moon is to be _____.

24. Darkness on the moon moves from _____ to _____.

The Lunatics
"Moon Cycle"

[1]I like to watch the moon cycle,
[2]I like to watch it phase.
[3]I like to watch the moon cycle,
[4]I like to watch it wax and wane.

[5]The moon has its own gravity,
[6]It makes tides ebb and flow.
[7]And since our orbits are in sync,
[8]Then only one side shows.

[9]I want to see the far side of the moon,
[10]But there's no way.
[11]Cause the only way to see it,
[12]Is to be in outer space.

[13]The darkness moves across the moon,
[14]It goes from right to left.
[15]I'm learning so much now,
[16]I want to be a scientist.

25. What is the meaning of lines 5-6? _____

_____

26. What is the meaning of lines 7-12? _____

_____