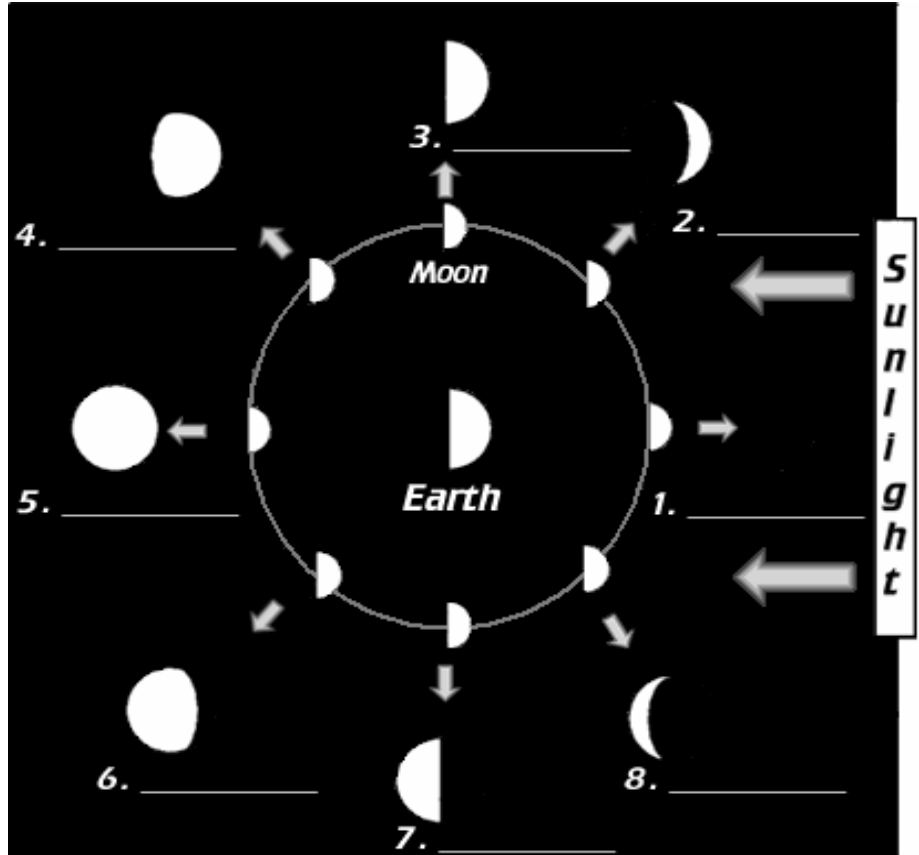


KNOW THE PHASES OF THE MOON

(10 points)

Each phase has two words.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____



Instructions: After completing the “Moon on a Stick” activity, label the phases of the moon as noted above. Answer the questions below the diagram and on page two.

9. _____ Is the moon waxing or waning? >1 but <5.
10. _____ Is the moon waxing or waning? >5 but < 8.
11. _____ General phase of the moon, gibbous or crescent, >3 but < 7, but not 5. What is the common phase word in each of the phase names?
12. _____ General phase of the moon, gibbous or crescent, >7 but < 3, but not 1. What is the common phase word in each of the phase names?
13. _____ The transition location on the moon where day changes into night.
14. The phases of the moon result from the moon’s _____ around the Earth which allows us to witness its _____ and _____ cycle.

Word Bank

revolution, third, full, new, quarter, first, last, night, waxing, waning, crescent, gibbous, terminator, day

Remember that you always wax your car before it “waned.” Elizabeth O. Evans, Dieruff H. S., fall, 2007

15. _____ The moon receives its light from the
16. _____ The process by which the moon shines is called
17. _____ A horned moon is a ... moon.
18. _____ A moon that **bulges** outward or is convex on **both sides** is called a ... moon.
19. _____ With regards to the changing phases of the moon, to grow mean to
20. _____ A moon that is diminishing in the amount of light that is being reflected is called a ... moon.
21. _____ Whether the moon is in a crescent or in a gibbous phase, when the light is to the right, the moon is **waxing or waning** (select one).
22. _____ Whether the moon is in a crescent or in a gibbous phase, when the light is to the left, the moon is **waxing or waning** (select one).
23. _____ If the terminator is a straight line, the moon is in a ... phase.
24. _____ A first quarter moon is **waxing or waning** (select one).
25. _____ A last quarter moon is **waxing or waning** (select one).
26. _____ The phase of the moon during a total solar eclipse is
27. _____ The phase of the moon during a total lunar eclipse is
28. _____ **True or false** (select one) The moon has a “side” that never sees the sun.
29. _____ **True or false** (select one) There is a portion of the moon which we never see from the Earth.
30. _____ From your answer above, this part of the moon is called the
31. _____ A new moon will rise and set about the same time as the
32. _____/_____ A full moon will rise and set about the same time that the sun ... and The words must be in their correct order.

The general phases of the moon are composed of the following words: new, full, quarter, crescent, gibbous, waxing, waning, moon, first, last or third. Name the four phases of the moon which last only through the duration of one night and the other four phases which can occur over the course of many nights. **Each phase will have two words, i.e., new moon.**

33. One night _____, _____
_____, _____
34. Many nights _____, _____
_____, _____