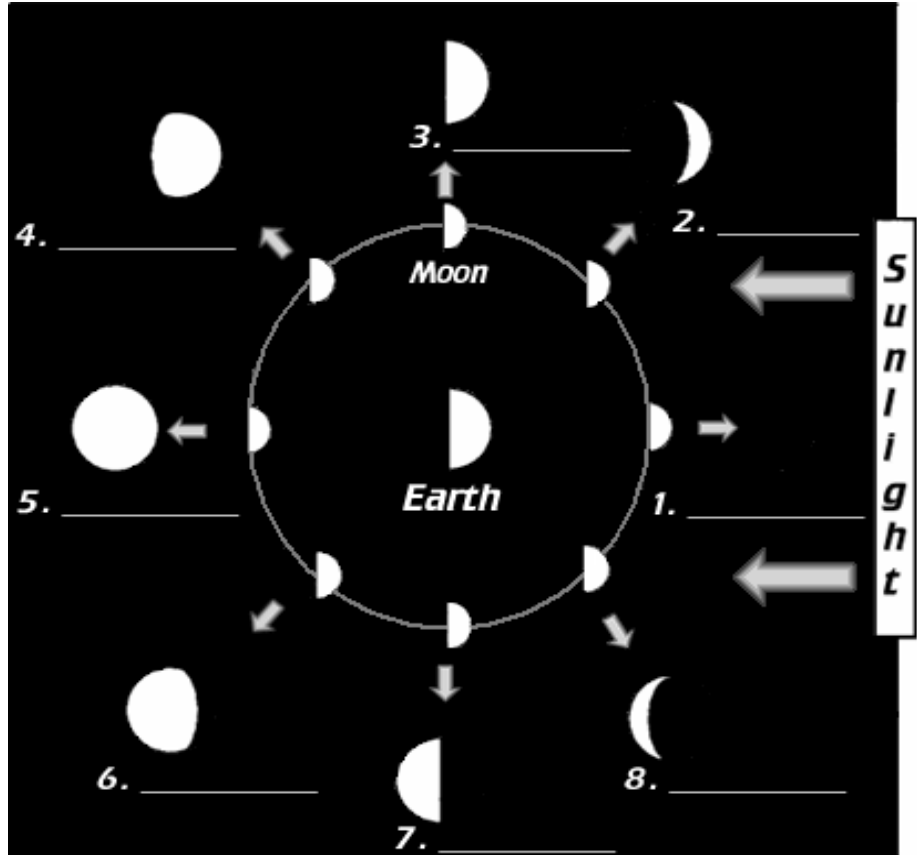


**KNOW THE PHASES OF THE MOON (or Die)**

(10 points—each error counts ½ point)

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 \_\_\_\_\_, \_\_\_\_\_  
\_\_\_\_\_, \_\_\_\_\_