

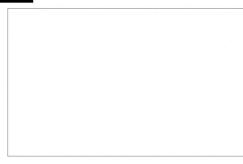
1. **New Moon**
 a. The moon is not visible from Earth. The moon is between the Sun and the Earth.
 b. The _____ side is facing us.
 c. This phase lasts _____ night.



2. **Waxing Crescent**
 a. Waxing means that the bright side is _____.
 b. The right side is the _____ side.
 c. This phase includes _____ visible moon from a small sliver to _____ half.



3. **First Quarter or Half Moon**
 a. The _____ right side of the moon is illuminated.
 b. The moon looks like a _____ circle.
 c. This phase only lasts _____ night.



4. **Waxing Gibbous**
 a. Gibbous means that _____ than one half is visible, but it is _____ quite full.
 b. This phase includes the night after the first quarter to the night before the full moon.



5. **Full Moon**
 a. The moon is full and bright. It looks like a large circle.
 b. The illuminated side is _____ us.
 c. Only happens _____ night per lunation.



6. **Waning Gibbous**
 a. The moon appears _____ than half but not quite full.
 b. Waning means that the illuminated side is _____.
 c. The _____ side is the bright side.



7. **Waning Crescent or Half Moon**
 a. _____ Half of the moon is illuminated.
 b. The illuminated side is _____.
 c. This phase also only lasts for _____ night.

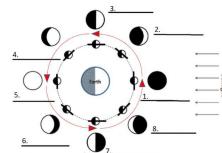


8. **Waning Crescent**
 a. _____ than one half of the moon is illuminated.
 b. The moon will continue to become _____ and smaller.

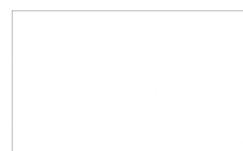
9. **Put it all together**
 a. When we look at the moon, all we see is half of it, the half that is facing the Earth.
 b. _____ (the half of the moon divided by the purple line) that is facing the Earth.



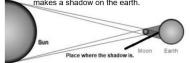
LABEL EACH MOON PHASE



10. **The Tide Cycle**
 a. _____ tides occur on the side of the Earth _____ to the moon due to the moon's _____ pulling on the _____.
 b. _____ tides also occur on the side of the Earth farthest from the moon. The moon's gravity pulls on the Earth more strongly than it pulls on the water _____ it pulls on the _____.
 c. In between the two high tides, low tides occur.



11. **Total _____ Eclipse**
 a. The _____ gets in the way of the sun light and makes a shadow on the earth.



12. **Total _____ Eclipse**
 a. The _____ gets between the sun and the moon and makes a shadow.

