**LAB: OREO Phases of the Moon** Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Per\_\_\_



1. \_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_\_\_\_\_\_
6. \_\_\_\_\_\_\_\_\_\_\_\_\_
7. \_\_\_\_\_\_\_\_\_\_\_\_\_
8. \_\_\_\_\_\_\_\_\_\_\_\_\_
9. On the inner circles, **draw** how the moon would look as VIEWED FROM EARTH.(Lit part on left or right?)
10. **Label** the phases with the appropriate moon phase name.
11. What appears to happen to the Moon as it goes through the cycle?
12. Explain why the Moon looks different at different time of the month.
13. What do you think “waxing “ means?
14. What do you think “waning” means?
15. How long does it take the moon to cycle through all its phases?
16. How many times a year do we see a full moon?
17. In what phase can we not see the moon from Earth? Why not?
18. What would happen to the phases if the Moon’s revolution speed was twice as fast as it is now?
19. What would happen to the phases if the Moon’s revolution was half as fast as it is now?
20. Explain why we always see the same side of the Moon.
21. In what phase would a solar eclipse be possible? Explain.
22. In what phase would a lunar eclipse be possible? Explain.