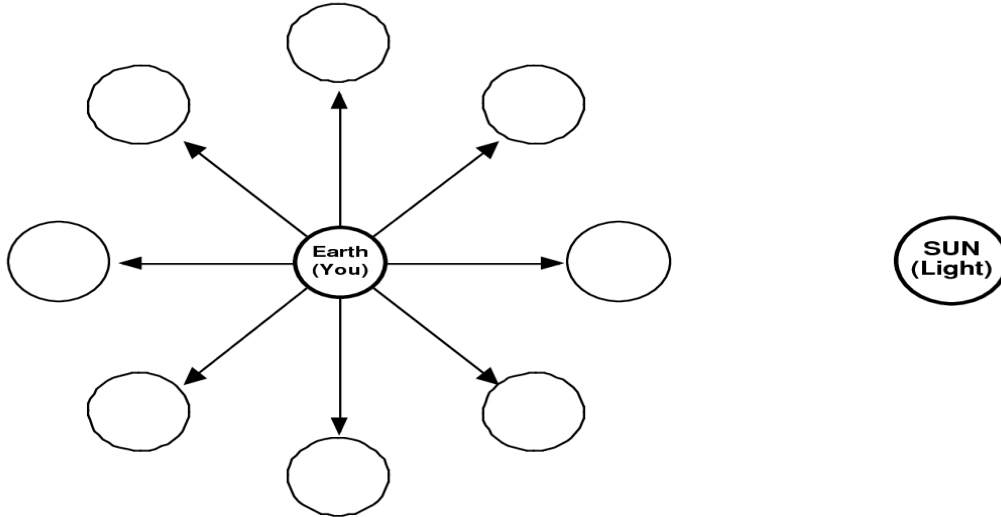


Moon Phases

Name _____

Directions: Get a “moon pop” from your teacher. Hold the moon pop in front of you at each position in the diagram making sure the white side is always facing the “sun”. Shade in the circle on the diagram to match the amount of the white side you see on your moon pop.



1. Label each phase on the diagram: New moon, Full moon, Waxing crescent, Waning crescent, Waxing gibbous, Waning gibbous, First quarter, and Last quarter.

2. After you have completed and labeled the diagrams, show your teacher to have this box initialed.

3. What does it mean when someone says the moon is “waxing” or “waning”?

4. A solar eclipse occurs when a new moon comes between the sun and the Earth. Draw and label a diagram to show the positions of the sun, moon, and Earth during a solar eclipse.

5. A lunar eclipse occurs when the Earth comes between the sun and a full moon. Draw and label a diagram to show the positions of the sun, moon, and Earth during a lunar eclipse.