

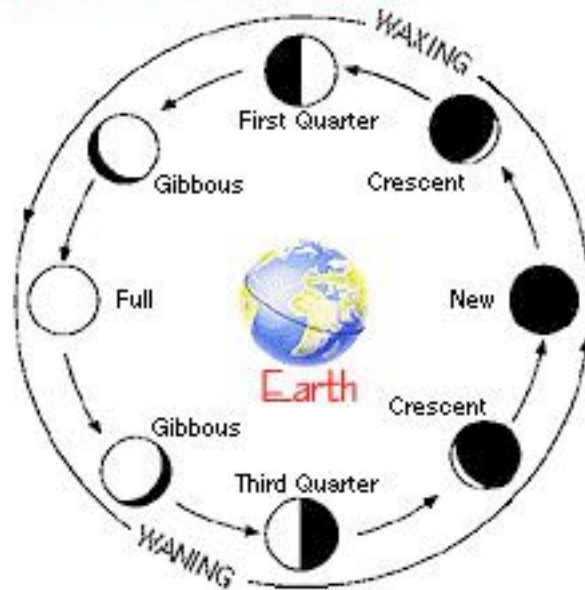
Name: _____

Moon Phases

The moon circles the Earth every 29 days. We see a different view, or phase, of the moon throughout the month even though we are always looking at the same side of the moon. Half of the moon is always in sunlight, and half is always in shadow. When the moon is between us and the sun, the lighted part is pointed away from us, so we don't see it -- this is the **new moon**. As the moon orbits the Earth, each night we see a greater part of the lighted side, until the whole sunlit side faces us (**full moon**). As the orbit continues, we then see less of the lighted side until the whole cycle is completed and starts again.

Directions: Using chocolate cream-filled cookies, create the phases of the moon. Eat away enough of each of 8 cookies so they resemble each of the 8 moon phases shown below. Place your cookie moons onto a large paper and label each phases.

The Moon as seen from Earth



Look at the moon tonight and draw what you see. What day of the month is it? Next month at the same time, look to see if the moon is at the same phase as tonight.

Tonight's Date / phase

A Month Later's Date / phase