

Name: _____

What Causes Moon Phases?

Problem: To use an Earth-Moon Model to demonstrate the movement of objects in space that cause moon phases.

Materials:

Earth-Moon Model

Procedure:

1. Look at the diagram below. It represents the Earth and Moon in eight different locations in its orbit as seen from the North Pole.
2. Half of the diagram is showing which side of the Moon is illuminated and which side of the moon is dark. It also shows how much of the illuminated half of the moon can be seen at various places as it orbits the Earth.
3. Complete the other half of the diagram. Use your model to help you.

