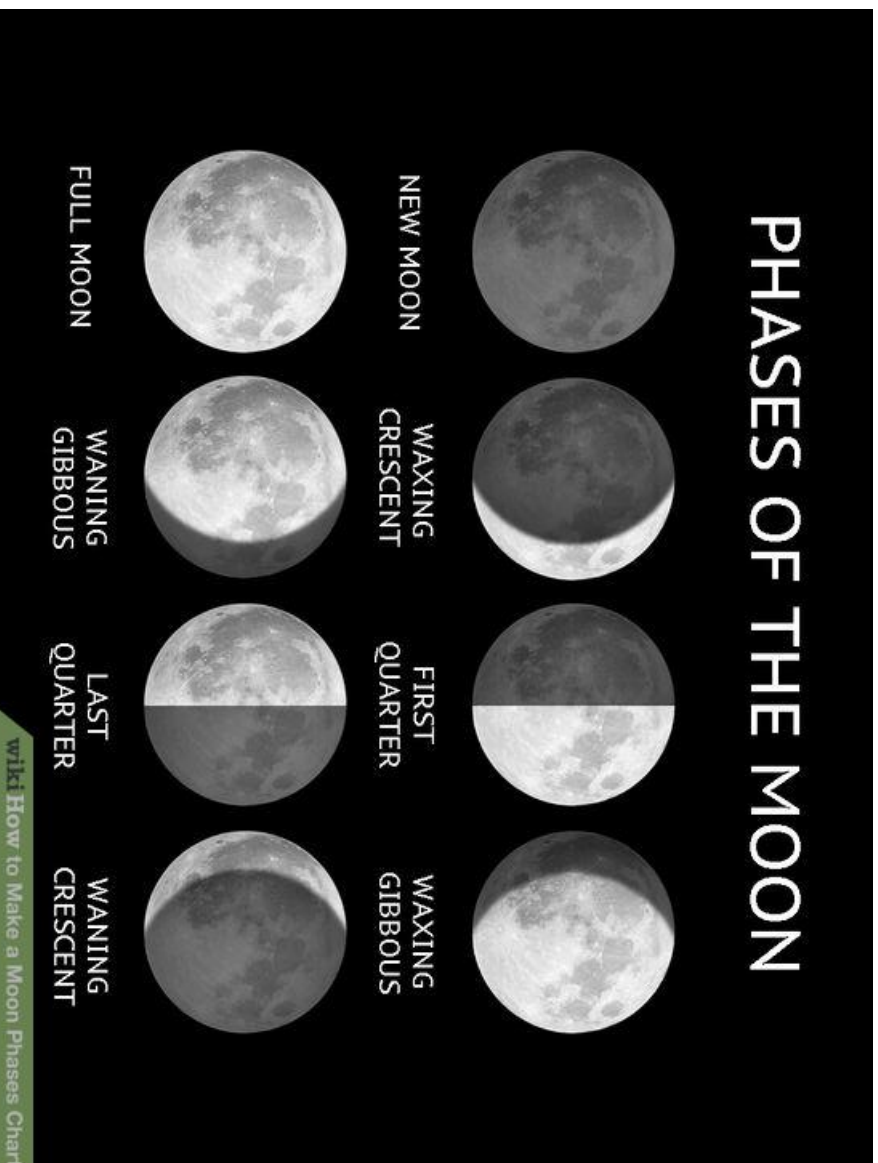


# Warm Up



1. What is the Earth's axis and how is it related to day and night?
2. Describe the two ways that the Earth is moving at all times.
3. How does Earth's axis contribute to the "pattern" of seasons?
4. Describe the demonstration done with the lamp and the globe, and how it shows the movement of the Earth.

# Moon Phases



# Matching!

1. Waxing
  2. Waning
  3. Crescent
  4. Gibbous
  5. Moon
- Phases
6. Quarter

- A. The 8 phases of an illuminated moon
- B. When the moon appears to grow, more of the moon is illuminated than not (right)
- C. When the moon appears to shrink, less of the moon is illuminated (left)
- D. Less than half of the moon is illuminated\
- E.  $\frac{1}{2}$  of the moon is illuminated
- F. More than  $\frac{1}{2}$  of the moon illuminated



# History of moon phases

Used to mark events and special holidays in the Jewish and Muslim calendars



What do you think.....

- How are moon phases related to historical events?
- How long does it take the moon to go through all the phases?