

Name: _____

Date: _____

**“Sky Watchers”
Summative Assessment**

1. Why don't we see the Sun at night?

2. What is happening to the Earth to cause the day and night cycle? How long is the day and night cycle?



3. Look at the picture above.

a. Where is it daytime? _____

Explain how you know.

b. Where is it nighttime? _____

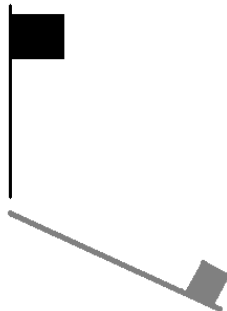
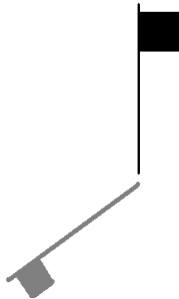
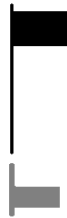
Explain how you know. _____

4. Look at the shadows of the flags in the pictures below.

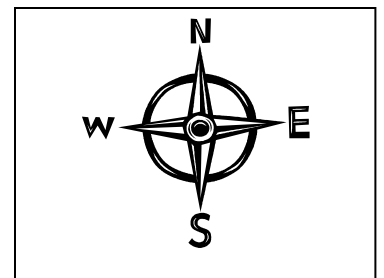
a. Label the pictures: morning, noon, and evening.

Draw the position of the Sun in each picture.

west



east



4b. Describe the position (direction) of the Sun as it appears to move throughout the day.

Crescent Moon



Image: Microsoft Clipart

5. Is this the only phase of the Moon that will ever be seen in Delaware?

Explain your answer. _____

6. We send rockets into space. We use telescopes to observe objects in space. How has this technology helped us learn more about the Solar System?

7. The Sun is much bigger in size than the Moon but to us, the Sun and Moon appear to be the same size. Explain why.
