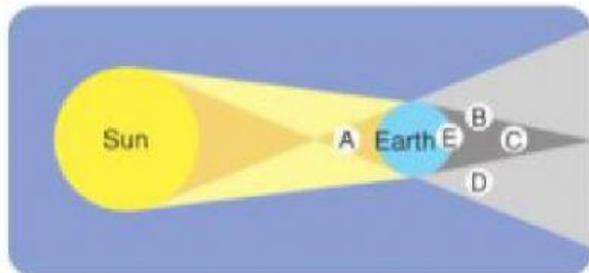


15 points

Circle the correct answer for each question.

Use the picture to answer questions 1 to 4



1. Where should the Moon be if people in Point E see a Partial Lunar Eclipse?  
a. A                      b. B  
c. C                      d. D
2. Where should the Moon be if people in Point E see a Total Lunar Eclipse?  
a. A                      b. B  
c. C                      d. D
3. What will happen if the Moon moves to Point A?  
a. Waxing and waning moon  
b. A Lunar Eclipse  
c. A Solar Eclipse  
d. Seasons
4. Where should the Moon move to so that a Penumbral Lunar Eclipse can happen?  
a. A                      b. B  
c. C                      d. D

5. Which is correct about Solar and Lunar Eclipses?  
a. Lunar Eclipses happen during the day and Solar Eclipses at night.  
b. Lunar Eclipses happen at night and Solar Eclipses during the day.  
c. Both Lunar and Solar Eclipses happen during the day.  
d. Both Lunar and Solar Eclipse happen at night.
6. "We should not look at Solar Eclipse with our naked eye." Do you agree? Why?  
a. No, I do not. We cannot see its beauty by using devices.  
b. Yes, I agree. Solar Eclipses happen at night, so we need devices.  
c. No, I do not. Devices used to observe Solar Eclipse are expensive.  
d. Yes, I agree. Sun rays can damage our eyes.
7. When do Lunar Eclipses happen?  
a. Day 8 of a waxing moon  
b. Day 15 of a waxing moon  
c. Day 8 of a waning moon  
d. Day 15 of a waning moon

w

8. Which is correct about eclipses?
- Mercury orbits the Sun
  - Planets orbit the Sun
  - The Sun, Moon, and Earth must be on the same line.
  - The Sun, planets, and Earth must be on the same line.
9. What happens when the Sun, Moon, and Earth are on the same line and Earth is between Sun and Moon?
- Waxing and waning moon
  - A Lunar Eclipse
  - A Solar Eclipse
  - Seasons come
10. What is Thaicom satellite used for?
- Telecommunication
  - Exploring planets
  - Exploring forests
  - Studying exoplanets
11. Which is not a use of a satellite?
- For communication
  - In weather forecast
  - Exploring natural resources
  - Collecting objects in space
12. What are meteorological satellites used for?
- Exploring forests
  - Exploring stars and planets
  - For weather forecast
  - For television broadcast
13. Which is correct about advances in space technology?
- Could not explore Tempel 1
  - Could not do space tourism
  - Satellites could collect parts of spacecraft
  - ICESat-2 satellite studied ice sheets
14. Which is used to broadcast TV and radio signals?
- Communication satellites
  - Earth observation satellites
  - Astronomical satellites
  - Meteorological satellites
15. Which was the first living thing sent into Earth's orbit?
- A monkey
  - A mouse
  - A cat
  - A dog