

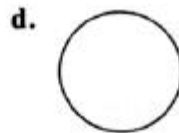
**M O D E R N E A R T H S C I E N C E**

## Section 30.3

**The Lunar Cycle**

**Choose the one best response. Write the letter of that choice in the space provided.**

- \_\_\_\_\_ 1. When only a small part of the moon is visible, the moon may be in its:
- a. first-quarter phase.                      b. new moon phase.  
c. waning-crescent phase.                  d. last-quarter phase.
- \_\_\_\_\_ 2. Approximately how many days does it take the moon to go through a complete cycle of phases?
- a. 7                      b. 11                      c. 27                      d. 29
- \_\_\_\_\_ 3. Systems of measuring the passage of time are called:
- a. phases.              b. calendars.              c. years.              d. sols.
- \_\_\_\_\_ 4. Prior to the introduction of the Julian calendar, how many days made up a Roman year?
- a. 106                      b. 197                      c. 265                      d. 304
- \_\_\_\_\_ 5. Which diagram below shows the moon in a gibbous phase?



**Read each question and answer it in the space provided.**

6. What is the major source of the light that reflects off the moon? \_\_\_\_\_
7. What term is used to describe a decrease in the visible portion of the moon? \_\_\_\_\_
8. What is the time required for the earth to make one complete rotation on its axis? \_\_\_\_\_
9. What are years with an extra day called? \_\_\_\_\_
10. What is the name of the proposed calendar that would add a day at the end of June every four years? \_\_\_\_\_