

Name \_\_\_\_\_ Grade \_\_\_\_\_

### Moon Phases Application Questions

1. How much of the moon is always lit by the sun? (circle)                      Half              Fourth              All of it
2. How long does the moon phase cycle take? \_\_\_\_\_
3. Do the phases always follow the same order? (circle)                      Yes              No
4. List the phases of the moon in order starting with the phase where the side we see **is not** lit at all:
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
  - c. \_\_\_\_\_
  - d. \_\_\_\_\_
  - e. \_\_\_\_\_
  - f. \_\_\_\_\_
  - g. \_\_\_\_\_
  - h. \_\_\_\_\_

Waxing crescent	Waxing gibbous
Waning crescent	Waning gibbous
Full moon	First quarter
New moon	Third quarter
5. Which phase do we see the entire lit side of the moon? \_\_\_\_\_
6. Which phase has the left half that we see lit? \_\_\_\_\_
7. Which phase comes after full moon? \_\_\_\_\_
8. Which phase comes after new moon? \_\_\_\_\_
9. Which side does the light always start from? \_\_\_\_\_
10. Which side starts getting darker first after full moon? \_\_\_\_\_
11. When the lit part is getting bigger (vocab): \_\_\_\_\_
12. When the lit part is getting smaller (vocab): \_\_\_\_\_