

Name: _____

Date: _____



GENIUSCHALLENGE

MOON & ITS PHASES

1. What causes us to see different phases of the moon?

2. True or false: the moon is the same size as the sun. _____

3. Where does the light we see from the moon come from? _____

4. What is the definition of a system? _____

5. Which is closest to the Earth?

a. moon

b. sun

c. Mars

d. Venus

6. List these from largest to smallest: Earth, moon, sun _____

7. Draw each of these moon phases:



QUARTER MOON



GIBBOUS MOON



CRESCENT MOON

8. What caused the formation of the dark areas that can be seen on the moon with a telescope?

a. ancient volcanoes

b. meteor impacts

c. floods

d. ancient oceans

9. Which three things are connected in the system that causes us to see the moon's phases?

10. What can the lines around craters on the moon tell us?
