

1. Put the names of the planets in order.



Mars

Earth

Mercury

Venus

2. What is rotation?

- A. Earth spinning on its Axis
- B. Earth going around The Sun
- C. The moon going around the Earth
- D. The earth staying still

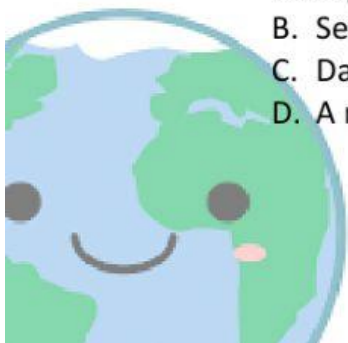
3. How long does rotation on earth last?

- A. About 30 days
- B. 60 minutes
- C. 24 hours
- D. 365 days

4. What does rotation cause?

- A. A year
- B. Season
- C. Day and night
- D. A month

If you need help use your notebook or watch the video below!



5. What planet is closest to the sun?

- A. Mercury
- B. Venus
- C. Earth
- D. Mars

6. There are _____ Hours in a day.

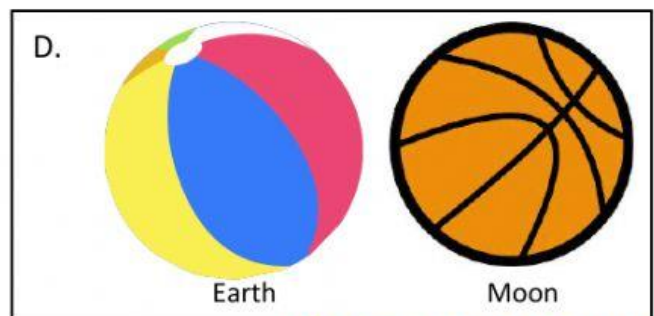
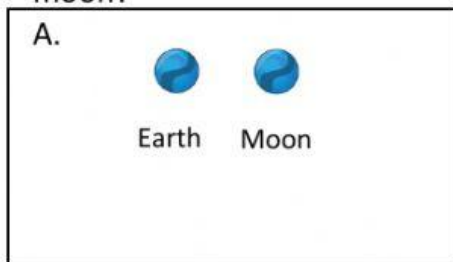
7. If the sun rises at 6:00 am and sets at 8:00pm.

How many hours would there be during the nighttime?

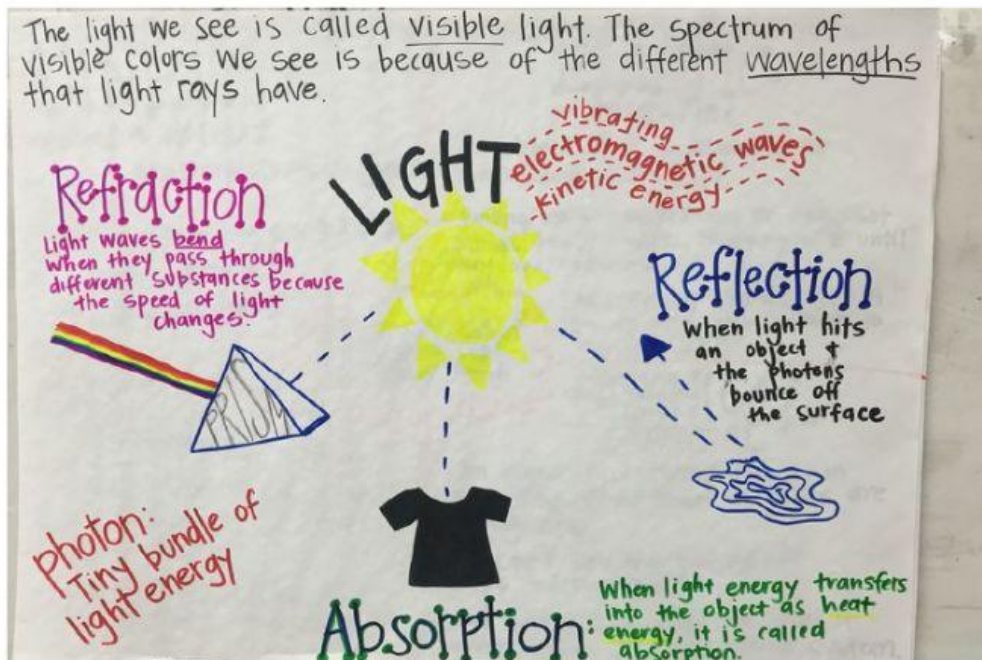
- A. 9 hours
- B. 10 hours
- C. 11 hours
- D. 12 hours

HINT: You must do a little math for this one

8. Which one shows the best size comparison of the size of the earth and the moon?



STUDY the picture and answer the questions over **Light**.

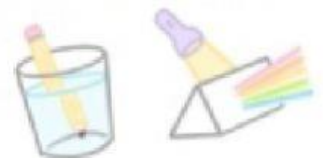


9. During an experiment, a laser was pointed through a hole in a piece of paper. A student put a mirror in front of the laser, and it didn't pass through.

What is the best explanation for this?

- A. The light is going through the mirror very slowly.
- B. the light is being absorbed by the mirror.
- C. The light is bouncing off the mirror.
- D. The light is moving around the mirror.

REFRACTION



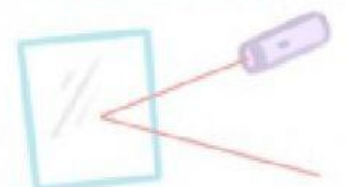
The bending or breaking of light.

10. During an experiment, a marker is dropped into a glass of water. When the students observed the marker, it looked like it was broken.

What do you think caused this?

- A. Reflection because the light is bouncing off the water.
- B. Refraction because the light is bending in the water.
- C. Reflection because the light is bending in the water.
- D. Refraction because the light is bouncing off the water.

REFLECTION



The bouncing back of light.