

Name _____

Date _____

Solar System Flashcard Quiz

SOL 4.7

- The path the Earth takes as it moves around the Sun is its _____.
 - revolution
 - rotation
 - orbit
 - ellipse
- How long does it take the Earth to make one complete revolution around the sun?
 - One day
 - One year
 - Twenty-four hours
 - One month
- One full orbit around another object is called a(n) _____.
 - revolution
 - orbit
 - rotation
 - axis
- The Moon is able to orbit the Earth because of _____.
 - the tides
 - the seasons
 - the sun
 - gravity
- How many miles away is the Earth from the sun?
 - 93 miles
 - 9 million
 - 93 million
 - 150 miles
- The movement around the sun and the tilt of the Earth causes _____.
 - seasons
 - months
 - years
 - days
- When the moon moves directly between the sun and the Earth a _____ occurs.
 - solar eclipse
 - lunar eclipse
 - new moon
 - hurricane
- When the Earth passes between the sun and the moon a _____ occurs.
 - solar eclipse
 - lunar eclipse
 - new moon
 - volcano
- Who was the first scientist to use a telescope for astronomy?
 - Aristotle
 - Ptolemy
 - Copernicus
 - Galileo
- I theorized that the planets revolved around the Sun. Who am I?
 - Aristotle
 - Ptolemy
 - Copernicus
 - Galileo

11. I am an Egyptian astronomer that believed the planets and Sun orbited the Earth. Who am I?

- A Aristotle
- B Ptolemy
- C Copernicus
- D Galileo

12. Who believed that the Earth was a sphere and the universe was spherical?

- F Aristotle
- G Ptolemy
- H Copernicus
- J Galileo

13. How often does the moon revolve around the Earth?

- A Once a year
- B Once a month
- C Once day
- D Twice a year

14. The age of the sun is about ____ .

- F 4.6 years old
- G 4.6 million years old
- H 4.6 billion years old
- J 46 million years old

15. The Earth's ____ blocks out most of the sun's damaging rays.

- A atmosphere
- B trees
- C clouds
- D temperature

16. Which of the following is a small, rocky satellite with no temperature or atmosphere?

- F The Sun
- G The Moon
- H The Earth
- J The solar system