

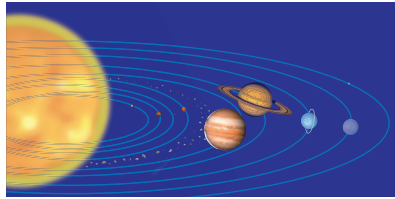


Our Solar System

Earth
Sci

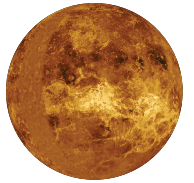
Name _____ Class _____ Date _____

- 1 Finish naming the **planets in order**, starting with the one nearest the Sun.



Mercury, Venus, Earth, Mars, Jupiter,

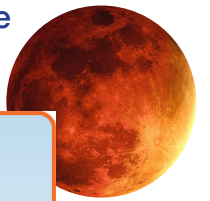
- 6 **Venus** is sometimes called "**Earth's Twin**." Venus is most like Earth **because** _____.



- its atmosphere is similar to Earth's
- it has landforms and oceans like Earth
- it is similar in size, mass and density

- 2 Fill in the answer.
When an **icy planetesimal** from the outer reaches of the solar system is knocked off course and sent toward the Sun, it passes through space with a **long tail of** _____.

- 7 This **terrestrial planet** has had a very active volcanic history. It has the **largest shield volcano** in the entire solar system.
Name this planet.



PREVIEW

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- 3 In the _____ of the _____, the _____ of the _____ is called the _____.
- 4 The _____ during a total solar eclipse. The _____ **outer atmosphere** is called the _____.

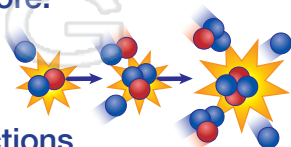
photosphere chromosphere corona

a(n) _____. Meteoroids originate from them, but are much smaller.

asteroid meteor comet

- 5 By definition, **one astronomical unit (1 AU)** is approximately **150,000,000 kilometers**. An astronomical unit is the **average distance** _____. Circle the answer letter.
- traveled by light in one second
 - from the Sun to Earth
 - from the center of the Sun to Neptune

- 10 The **Sun's energy** is **produced by** _____ in the Sun's core.
- burning hydrogen atoms
 - nuclear fusion reactions
 - nuclear fission reactions

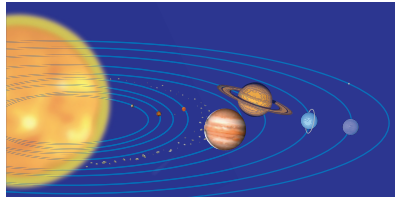




Our Solar System - Answer Key

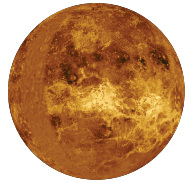
Name _____ Class _____ Date _____

1 Finish naming the **planets in order**, starting with the one nearest the Sun.



Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune

6 Venus is sometimes called "Earth's Twin." Venus is most like Earth **because** _____.



- a. its atmosphere is similar to Earth's
- b. it has landforms and oceans like Earth
- c. it is similar in size, mass and density

2 Fill in the answer. When an **icy planetesimal** from the outer reaches of the solar system is knocked off course and sent toward the Sun, it passes through space with a **long tail of** _____.

7 This **terrestrial planet** has had a very active volcanic history. It has the **largest shield volcano** in the entire solar system. Name this planet.



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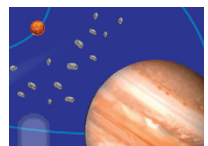
3 In the _____, the _____ of the _____ is called the _____.

outer atmosphere is called the _____.

photosphere chromosphere corona

a(n) _____. Meteoroids originate from them, but are much smaller.

asteroid meteor comet



5 By definition, one **astronomical unit (1 AU)** is approximately **150,000,000 kilometers**. An astronomical unit is the **average distance** _____. Circle the answer letter.

- a. traveled by light in one second
- b. from the Sun to Earth
- c. from the center of the Sun to Neptune

10 The **Sun's energy** is **produced by** _____ in the Sun's core.

- a. burning hydrogen atoms
- b. nuclear fusion reactions
- c. nuclear fission reactions

