

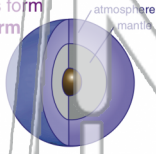


Name _____ Class _____ Date _____

1

Close to the sun, scientists believe the rocky planetesimals grew by accretion to become the rocky planets. In the outer reaches of the solar system, hydrogen and helium gases accreted (that is, stuck) to rocky cores forming planets called gas giants. No gas giant-type planets form near the sun because it is too warm for the massive layers of gas to form into gas giant planets.

True or False?
A True
B False



2

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

A from the center of the Sun to the center of Neptune
B from the Sun to Earth
C traveled by light in one second
D a fuel tank lasts during space travel



3

The **inner planets** include Mercury, Venus, Earth, and Mars. They are also known as the _____.



4

The four **outer planets** include Jupiter, Saturn, Uranus, and Neptune. They are also known as the _____.

5



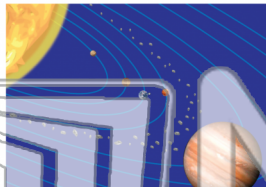
PREVIEW

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7

is called a(n) _____.

- A meteor
- B meteorite
- C meteoroid
- D asteroid



nebula by a process called _____.

- A deposition
- B precipitation
- C accretion
- D convection



9

The Sun produces energy within its core by the process of **nuclear fission**.

True or false?

- A True
- B False

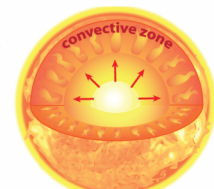


10

It can take thousands of years for energy to move through the **radiative zone** and into the **convective zone**.

True or false?

- A True
- B False



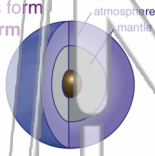


Name _____ Class _____ Date _____

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3 The **inner planets** include Mercury, Venus, Earth, and Mars. They are also known as the _____.



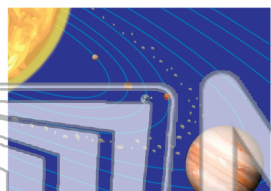
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PREVIEW

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7 _____ is called a(n) _____.

A meteor
B meteorite
C meteoroid
D asteroid



_____ nebula by a process called _____.

A deposition
B precipitation
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D convection



9 The Sun produces energy within its core by the process of **nuclear fission**.

True or false?

A True
B False



10 It can take thousands of years for energy to move through the **radiative zone** and into the **convective zone**.

True or false?

A True
B False

