



Name _____ Class _____ Date _____

1 Match the term with the correct definition.

<input type="checkbox"/> asteroid	A. a rocky body between Jupiter and Mars that circles the Sun
<input type="checkbox"/> comet	B. a small body with a tail of ice that originates in the outer solar system
<input type="checkbox"/> meteor	C. a meteoroid that enters the Earth's atmosphere (a shooting star)
<input type="checkbox"/> meteorite	

2 Match the term with the correct definition.

<input type="checkbox"/> Mars	A. planet with a giant red spot
<input type="checkbox"/> Venus	B. planet with the hottest surface temperature
<input type="checkbox"/> Earth	C. planet with the largest volcano
<input type="checkbox"/> Jupiter	

3 In the year 140 CE, the Greek astronomer named Claudius Ptolemy believed that the **earth** is the **center of the universe** and the sun and all other planets revolve around the earth. **This concept,**

4 In 1543, Nicolaus Copernicus published a revolutionary theory about the universe. He claimed that the sun is the center of the universe and all the planets revolve around the sun. **Though his theory**



PREVIEW

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7 cool causing them to descend back into the sun. This **rising and falling** of hotter and cooler gases produces currents near the sun's surface in the layer called the _____.

A radiative zone
B convective zone
C photosphere
D chromosphere

A photosphere	
B convective zone	
C radiative zone	
D chromosphere	

9 There are **cooler, dark areas** on the sun's surface that are the result of the sun's **magnetic field** affecting the convection of heat in the sun. **These dark, cooler areas** are called _____.

A solar flares
B sun spots
C the corona
D the photosphere

10 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?

T True
F False



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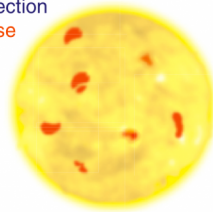
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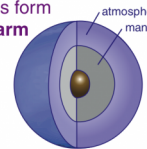
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