Vame	•	Class	Date	

Skills Worksheet

the space provided, write t phrase.	the letter of the description that best matches the term
1. outer planets	a. planets characterized by solid rock with a
2. Ptolemy	metallic core, zero to two moons, and impact craters
3. inner planets	b. principle stating that each planet orbits the sun in a closed curve whose shape is determined by
4. planetesimals	two foci
5. nebular hypothesis	c. small bodies from which planets formed in the early stages of the development of the solar system
6. Kepler's law of ellipses	d. astronomer who believed that planets revolve around the sun at different speeds and distances from it
7. Kepler's law	
of periods 8. differentiation	e. planets characterized by massive size, relatively low density, a thick atmosphere of helium and hydrogen, and a rock and metal core
9. Copernicus	f. law that the cube of the average distance of a planet from the sun is proportional to the square
10. Kepler's law of equal areas	of the orbital period of the planet
	g. principle stating that equal areas are covered in equal amounts of time as an object orbits the sun
	h. theory that the sun and the planets condensed at about the same time out of a rotating cloud of gas and dust
	 i. astronomer who believed that planets moved in epicycles as they moved in larger and larger circles around Earth
	j. the process by which Earth formed three distinct layers: a dense core of iron and nickel, a thick layer of iron- and magnesium-rich rock, and a thin crust of silica-rich rock
ne space provided, write t	he letter of the answer choice that best completes

b. methane, and argon. d. argon, and helium.

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Corice	ot Review continued	
1:	form rain. The rain collected on Ea	
	a. lakes. b. rivers.	c. streams. d. oceans.
1:	3. Newton's principle that a moving a change in speed or direction unti-	body will remain in motion and resis
	a. gravity.	c. ellipse.
	b. inertia.	d. resistance.
14	4. The solar system body that is character orbit and is made of frozen methan	ne, rock, and ice is
	a. Mercury. b. Mars.	c. Pluto. d. Neptune.
	b. Mars.	d. Neptune.
1:	Which two planets have massive s Red Spot and the Great Dark Spot a. Mercury and Venus	torms called, respectively, the Great?
	b. Jupiter and Saturnc. Venus and Saturnd. Jupiter and Neptune	
10	Known for its rings and bands, thea. Neptune.b. Uranus.	least dense planet is c. Venus. d. Saturn.
13	7. A gas giant with a distinctive blue of methane in its helium and hydro	
)	a. Uranus.	c. Mercury.
	b. Mars.	d. Jupiter.
18	8. Which of the following make it po a. oxygen, land, and water b. temperature, wind, and water c. water, temperature, and soil	
	d. water, oxygen, and temperature	≅
19	Which inner planets have almost the a. Mars and Mercuryb. Venus and Earth	he same size, mass, and density? c. Mercury and Venus d. Earth and Mars
`20	Which planets show evidence of h a. Mars and Venus b. Earth and Mars c. Venus and Earth d. Mars and Mercury	eavy volcanic activity?

AP.