Name:		Class:		Date:			
8th Gr	rad	e Midterm Review Sheet 1					
Multipl Identify		hoice choice that best completes the statement or an	swer.	s the question.			
	1.	Which of these would be shorter if Earth rotat a. years	ed fa	ster? weeks			
		b. months	d.	days			
	2.	Copernicus's theory was not accepted when he a. the center of the universe.	e firs	t proposed it because he stated that the sun was a source of energy.			
		b. an average star.	d.	. .			
	3	What scientist thought the Earth was at the cer	iter (of the universe?			
	٥.	a. Ptolemy	C.				
		b. Hubble	d.				
	4	How long does Earth take to orbit once around	l the	sun?			
	••	a. day	c.				
		b. week	d.	year			
	5. How long does Earth take to rotate once on its axis?						
		a. day	c.	.4			
		b. week	d.	year			
	6.	About how long does the moon take to orbit the	arth?				
		a. day	c.	month			
		b. week	d.	year			
	7.	To which of the two main groups of planets do	es E	Earth belong?			
		a. the outer planets	c.	the terrestrial planets			
		b. the gas giants	d.	the interior planets			
	8.	Which of these planets do NOT have natural s	atell	ites?			
		a. Mars and Venus	c.	Mercury and Venus			
		b. Jupiter and Mars	d.	Mars and Pluto			
	9.	What instrument made possible the discovery of additional planets?					
		a. the microscope	c.	the gyroscope			
		b. the telescope	d.	the spectroscope			
1	0.	How do the inner planets differ from the outer	plan	nets?			
_		a. They are made of lighter elements.	c.	They are extremely large.			

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c. Jupiter

d. Pluto

d. They are spaced more closely together.

b. They do not have any moons.

a. Neptune

b. Uranus

11. Which is the next planet moving outward from the sun after Saturn?

12.	How can you tell that Pluto is not a gas giant? a. because of where it orbits the sun b. because it has no ring system	c. d.	because it is dense and rocky because it has only one moon		
 13.	What causes a high surface temperature on Vera. The acid content of its atmosphere.b. The planet's fast period of rotation.	nus? c. d.	The planet's retrograde spin on its axis. The greenhouse effect of its atmosphere.		
 14.	What evidence suggests that Mars once had a va. water in its ice caps b. thin atmospheric pressure	varm c. d.	ner climate? features like dry riverbeds an extinct shield volcano		
 15.	Which terrestrial planet has a day that is over to a. Mars b. Mercury	wo E c. d.	Earth months long? Pluto Venus		
 16.	Why is Venus sometimes called Earth's twin?a. Venus rotates in the same direction.b. Venus's air has the same gases.	c. d.	Venus is the same size and density. Venus was born at the same time.		
17.	What is one factor that makes life possible on I a. a run-away greenhouse effect b. liquid water on its surface	Earth c. d.	n? high surface gravity an irregular planetary orbit		
 18.	Which of the following is the largest planet in a a. Earth b. Jupiter	our s c. d.	olar system? Saturn Uranus		
19.	 What causes the phases of the moon? a. the relative positions of the moon, Earth, and the sun b. the tilted orbit of the moon c. the moons period of revolution just equals its period of rotation d. sunlight reflecting off Earth's surface 				
20.	 What happens during a total solar eclipse? a. The shadow of Earth falls on the moon. b. A thin ring of the sun shows through. c. The moon completely covers the sun. d. The moon is about the same size as the sun. 				
21.	 Why do planets or moons with atmospheres has a. The air slows and burns up small objects. b. Fewer objects orbit near these planets. c. Most impacts occur in remote areas. d. Erosion erases the features of most craters. 		ewer impacts?		
 22.	What is the main difference between an asteroi a. the shape of their orbits b. their density	d an c. d.	d a meteoroid? the size of the body their effect on Earth		

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