	(,)
	The Inner Planets (p. 696 - 701) Day = 176 Earth Days
I. Mer	cury Smaller than Titan + Ganymede Sun rises in East Stops high in Sky Moves east, stops +
,	1. Circle the letter of each sentence that is true about Mercury. returns westward
losons leasons	Mercury's surface has many craters. (b) Mercury has no moons. c. The interior of mercury is composed mostly of the element mercury. (d) Mercury is the planet closest to the Sun. — Similar in size of the Moon
7	2. Mercury has cooled and contracted on the surface.
	Circle One: True - False Caused by planet Contracting
metic -	3. Mercury has an iron-rich core. (Most Iron rich planet in Solar system) Circle One: True False Fron Core = 42% planet volume Earth = 1790 iron Core 4. Why does Mercury have a greater range of temperatures than any other planet?
A.15	1. It is very close to the Sun (800°F 280°F) 2. No atmosphere to retain heat (weak gravity)
	5. What is the Caloris Basin? (Not in the book.)
	Site of Meteor impact (SID miles in Diameter Salong terminator (Surrounded by tall
II. Vei	<u>nus</u>
	1. Why is Venus sometimes called "Earth's Twin"?
	Similar in Size and mass Diameter: Earth = 12,756km, Venus = 12,104km
	2. Circle the letter of the gas that makes up most of the atmosphere of Venus.
	a. oxygen b. nitrogen c. sulfuric acid—Clouds (30 Km thick, 48-68 Km above) d) carbon dioxide (Pressure = 90x greater than Earth)—Serv
	3. Because Venus is often a bright object in the west after sunset, it is sometimes called the Evening Star")
	4. The atmosphere of Venus is so thick that there is never a sunny day on its surface.
	Circle One: True False (20 km. +hick haze above) 5. The trapping of heat by the atmosphere of Venus is called the Clouds
	5. The trapping of heat by the atmosphere of Venus is called the Clouds Freenhouse Effect (9018F) > Day + Night Rose Dry surface.
	COINT F. I

	(Collision in the past?	Name	
	Z Z		_
	VI	nt from that of most other planets and moons?	. \
	/ 1	ast to west opposite most planed	2
	(2-Day = 243 tart	h Days, I year = 22 4 Farth Day	5
	7. Identify three geologic features of th		
10000	1. Volcanic Plain	63005	_
1 V 10/100		nents: (Ishtar lerra (North) Australia	_
(11 km. tall	* Aphrodite Ter	Ta (south) Size of /a of Africa	
(11 km. tall Everest = 9	KM) 3. Volcanoes; (1,6	on active) > Surface re-met	<u>-</u> 5
Welest III.	Mars	every 700 million	2
	1. Why is Mars called the "Red Planet"		,
		on Oxide in rocks &	
	windstorms (er	odes the Surface)	
were once	2. What are the ice caps of Mars comp	1. MAIOC	ah.
vast oceans	I I Cl Water (90%)	of Carbon dioxide summer-	_
Ocea.		Striction	- 1
	3. Identify the two major geologic feat	ures of the Martian surface. (Not in the book.)	
111	M = 1 + 1	ures of the Martian surface. (Not in the book.) S: Vastitas Borea lis	
1 1105	1. Northern Lowland:	S: Vastitas Borealis)	-\ 'S ₁ RI
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Valles is:	guator 1. Northern Lowland:	S: > (Vastitas Borealis) (Site of Mast volcanues including onlying) S: > heavily cratered [les Marineris]	-
1 1105	guator 1. Northern Lowland:	S: > (Vastitas Borealis) (Site of Mast volcanues including onlying) S: > heavily cratered [les Marineris]	-
Valles is:	2. Southern High lands 4. The largest volcano in the solar system Circle One: True	Site of Mast volcances including only of Meavily Cratered lles Marineris) em is located on Mars. Olympus Mons False - Size of Missouri Taller than Everes	-
Valles is:	1. Northern Lowland: 2. Southern High lan 4. The largest volcano in the solar system Circle One: True 5. Why do some regions on Mars look	Site of Mast volcances including only of Site of Mast volcances including only of the solution	-
Valles is:	1. Northern Lowland: 2. Southern Highlan 4. The largest volcano in the solar system Circle One: True 5. Why do some regions on Mars look MASTORNS DOW CONTROL ON COMMENT CONTROL MASTORNS DOW COMMENT	Site of Most volcances including only of Site of Most volcances including only of the solution	- -
Valles is:	1. Northern Lowland: 2. Southern High lan 4. The largest volcano in the solar system Circle One: True 5. Why do some regions on Mars look	Site of Most volcances including only of Size of Marineris) em is located on Mars. Olympus Mons False - Size of Missouri Taller than Everes darker than others? LUST a Cound (Darker - Dust blown away) ed mostly of (DS) (5% nitrogen oxygen	-
Valles is:	4. The largest volcano in the solar system. Circle One: True 5. Why do some regions on Mars look MASTO(MS b) OW 6. The atmosphere on Mars is composed. 7. Circle the letter of each sentence that	Site of Mast volcances including only of Size of Marineris) em is located on Mars. Olympus Mons False - Size of Missouri Taller than Everes darker than others? LUST a Cound (Darker - Dust blown away) ed mostly of (D) (95%) (5% nitrogen at is true about Mars.	- -
Valles is:	1. Northern Lowland: 2. Southern High an 4. The largest volcano in the solar system Circle One: True 5. Why do some regions on Mars look Why Storms Down 6. The atmosphere on Mars is composed. 7. Circle the letter of each sentence that (a) The rocks on Mars are covered. (b) Mars has seasons because it is a Mars has many large oceans of	Site of Mast volcances including only of the structure of Mast volcances including only of the structure of Mast volcances including only of the structure of Mass our of Missour of Taller than Everes darker than others? Lust a cound (Darker = Just blown awayed mostly of (DS) (95% nitrogen oxygen at is true about Mars. I with rusty dust. I with rusty dust. I with rusty dust. I with surface	- + (4)
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Valles is:	1. Northern Lowland: 2. Southern High an 4. The largest volcano in the solar system Circle One: True 5. Why do some regions on Mars look Why Storms Down 6. The atmosphere on Mars is composed. 7. Circle the letter of each sentence that (a) The rocks on Mars are covered. (b) Mars has seasons because it is a Mars has many large oceans of	Site of Most volcances including onlying 15: Sheavily Cratered 165 Marineris) em is located on Mars. Olympus Mons False - Size of Missouri Taller than Everes darker than others? 1 UST a Cound (Arker-Dust blown away) ed mostly of (D) (95%) introger at is true about Mars. I with rusty dust. I with rusty dust. I with rusty dust. I with rusty dust. I with surface. Is surface. Is surface. I surface. I surface.	- + (4)