Name
679) ction.)
raters (Kepler Phto Aristotle Copernicus)
chunks of rock
Most craters formed before maria)
ws (formed 3-4 billion years) (17% of lunar surface)
lands? (Not in the book.) y the peaks of and rims of
ace) loon. (Not in the book.) miles to Moon)

Exploring Earth's Moon (p. 671 – (Part of the previous section is covered for this sec

<u>I.</u>	The	Mooi	ı's	Sur	face

1. Name three features on the Moon's surface.	
Ejecta Cotoss	
Blanket: 2. Craters 30,000 - named	
Naterial 3. Highlands (Not in the book.) After scientists (Kepler, Ph.)	
urrounding 2. Round pits on the surface of the Moon are called Ulaters Aristotle	
3. What are craters on the Moon caused by?	'/
impacts of meteroids, chunks of rock	_
or dust from space.	_
(Few maria have Craters = Most craters formed	
4. Circle the letter of the phrase that best describes maria.	
a. highland peaks that cast dark shadows b. dark, flat areas that were formed by huge lava flows c. vast oceans that cover much of the ocean d. craters made from exploded volcanoes Formed 3-4 billion year 17% of lunar surface	50
5. Was is evidence that indicates that the Moon has highlands? (Not in the book.)	
Dark Shadows cast by the peaks of	- E S
the lunar highlands and rims of	-
the Craters	-
6. Circle the letter of the approximate diameter of the Moon. (Not in the book.)	
a. about twice the size of Earth (238,000 miles to Moon)	
b. about half Earth's diameter c. about the distance across the United States, including Hawaii (2 471)	
b. about half Earth's diameter c. about the distance across the United States, including Hawaii (3,476 km about one quarter Earth's diameter	>م
7. Why do temperatures on the Moon vary so much? (Not in the book.)	
(1) No atmosphere (very hot in sunlight/ at hight)
@Weak Surface gravity (1/6 Earth's gravit Gases escape easily into space)	y
Gases escape easily into space)	

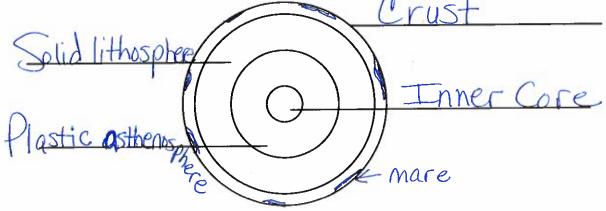
Name
derstand the Moon's interior?
Tinner Core
are s in the Impact Theory.
ided with Earth. Capture
ided with Earth. Capture Theory: Moon formed ected into space. Pulled in by Earth
und Earth. Cocreation
Theory: Theory: Moon + Earth For Med together ill impact basins)
nd on the Moon
missions to land on the Moon
died the mineral content of the Moon
to the Moon
s gravity, magnetic field, & ice content
pped the photographed the entire Moon
pacecraft sent to the Moon

II. Inside The Moon

1. What occurs on the Moon that enables scientists to un

DONGUAKES

2. Label the picture of the interior of the Moon. (Crust n



III. The Moon's Origin

1. Complete the flowchart to show the sequence of event

1. A large object, the size of

3. A ring of gas and debris formed are

4. Gravity caused this material to form the Severe bombardment 4b

IV. Missions To The Moon

3.5 billion yrs, ago-molt

1. Match the following Moon missions with their goals.

A. 1st spacecraft to la - Luna

B. Series of manned 2. (- Ranger

- Lunar Orbiters C. Spacecraft that stu

- Surveyor D. 1st spacecraft sent

_ - Apollo E. Studied the Moon

F. Spacecraft that ma

 Lunar Prospector G. 1st United States s arge patches of ice near proles (always cold)

Shielded from Sunlight his contact wolls

___ - Clementine