•	•	
Select by	ĺ	
	3	
L. Control		
1	ě	
101	į	

Name	Date Class	
	Note-taking The Solar System Worksheet	
Secti	ion 1 The Solar System	-
A. Ide	leas about the night sky have over time.	
1.	centered model—early Greeks thought planets, Sun, Moon, and stars rotate around Earth.	æd
2.	-centered model—Nicholas Copernicus and Galileo Galilei ol that the Moon revolved around Earth and that Earth and the other planets revolved a the Sun.)\$erve iround
3.	view— includes Sun, eight planets, many small o and a huge volume of space.	bjects
	a. Sun is the of the solar system	
-	b. All other objects in the solar system around the Sun.	
в. н	low the system formed	
1.	. A of gas, ice, and dust slowly formed	
2.	. A cloud of material in the nebula slowly in space.	
3.	. Shock waves might have caused the cloud to, and the matter was squainto less space.	ezed
4.	. The cloud became more, rotated faster, heated up, and flattened to form	a disk
· 5.	. As the cloud contracted, it grew warmer, triggering a fusion reaction to created the Sun.	ıat
6.	i. The leftover became the planets and asteroids.	
	a. First four planets—small and rocky with iron cores	
•	b. Last four planets—large and lightweight	•
C. Pl	Planet	
1.	. Copernicus—planets had orbits around the Sun.	
2.	Johannes Kepler—German mathematician	

 a. Discovered that the planet orbits were _ directly in the center of the orbits

b. Determined that planets do not orbit the Sun at the same