STUDY GUIDE FOR CONTENT MASTERY

Our Solar System

Overview of Our Solar System **SECTION 29.1**

In your textbook, read about early ideas.

Write the letter of the term from Column B next to its matching item in Column A.

	Column B
	aphelion
D. a	astronomical unit
C. 6	eccentricity
d. 6	ellipse
e. l	neliocentric
f . 1	perihelion
g. 1	retrograde
	b. a c. a d. a e. 1 f. 1

In your textbook, read about gravity and orbits.

Use each of the terms below just once to complete the passage.

acceleration	center of mass	distance	force	
Isaac Newton	masses	Moon	universal gravitation	
English scientist (8) developed an understanding of gravity by				
observing the motion of the (9), the orbits of the planets, and the				
(10)	of falling objects on Earth. He learned that two bodies attract each			
other with a (11) _	a (11) that depends on their (12)			
and the (13)	between the bodies. This is called the law of			
(14)	. He also determined that each planet orbits a point between			
itself and the Sun. T	hat point is called th	e (15)		