Class	

Stars.	Galaxies	, and the Universe	Guided Reading and Study	V

_____ Date_

Star Systems and Galaxies

This section explains what a star system is and describes the three types of galaxies.

Use Target Reading Skills

Name _

The first column in the chart lists key terms in this section. As you read the section, write a definition of the key term in your own words in the second column. Underline the most important feature or function in each definition. An example is done for you.

Key Term	Definition
Binary star	Star system with <u>two stars</u> .
Eclipsing binary	
Open cluster	
Globular cluster	
Galaxy	
Spiral galaxy	
Elliptical galaxy	
Irregular galaxy	
Quasar	
Universe	
Scientific notation	

Name I		Date	Class	Class					
Sta	ars, Galaxies, and the Universe	Guide	d Reading and Study						
St	tar Systems and Galaxies	(continue	ed)						
St	ar Systems and Clusters								
1.	What are star systems?								
2.	Star systems with two stars are ca	lled dou	ıble stars or						
3.	How do astronomers tell whether there is an unseen second star in a system?								
	a. They observe the effects of its §b. They measure the parallax of tc. They send a probe to the second. They observe its supernova.	he secor	nd star.						
4.	A star system in which one star pe another star is a(n)		•						
5.	. How did astronomers first discover a planet revolving around another star?								
6.	Why have most new planets discovered around other stars been very large?								
7.	A grouping of stars that contains recalled a(n)	no more	than a few thousand stars is	_					
8.									
Gá	alaxies								
	How many galaxies are there in that the type of galaxy with its shape.	ne unive	rse?						
	Type of Galaxy		scription of Shape						
	10. Spiral galaxy	a.	Bulge in middle and arms that spiral outward						
	11. Elliptical galaxy 12. Irregular galaxy	b.	Does not have a regular shape						
	12. 1110gulai galaxy		Looks like round or flattened ball						

20. How large is the observable universe?