	Class	Date
ills Worksheet		
hantar 10	Poviou	
Chapter 18	Review	
ING KEY TERMS		
	wing terms in a separate agnetic spectrum, conste	sentence: year, month, day, ellation, and altitude.
zenith and horizon		
. year and light-year		

Name		Class		Date	
	ter Review continu				
UNDE	RSTANDING KEY	IDEAS			
Multipl	le Choice				
	radiation from a. radio waves b. infrared ligl c. X rays, ultr	following answer longest wavelenges, ultraviolet light at, microwaves, Xaviolet light, games, infrared light, v	gth to shortes , infrared ligh K rays ma rays	_	.c
	a. Earth takesb. Earth takesc. the moon ta	a day is based on to orbit the sun o to rotate once on kes to orbit Earth kes to rotate once	ne time. its axis. one time.	f time that	
	objects in spacea. Both typesb. Separate tellboth telescoc. Separate tellboth telescod. Separate tell	te is true? of radiation can be escopes are needed opes can be on Earlescopes are needed opes must be in sp	e observed by ed to observe rth. ed to observe bace. ed to observe	ays and radio waves from the same telescont each type of radiation, each type of radiation, each type of radiation, each type of radiation, e.	ope. but but
	8. According to a. the Ptolema b. Copernicus c. Galileo's the d. None of the	ic theory 's theory eory	the center of	the universe.	
		st was one of the foserve the night sl			
	10. Astronomers d	livide the sky into)		

- - a. galaxies. c. zeniths.
 - b. constellations. d. phases.
- _____ 11. _____ determines which stars you see in the sky.
 - a. Your latitude
 - b. The time of year
 - c. The time of night
 - d. All of the above

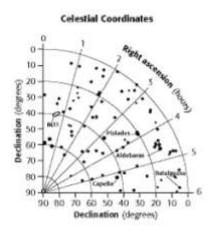
Name	Class	Date
	Review continued	
12	The altitude of an object in the sky is to a. above the horizon.b. from the north celestial pole.c. from the zenith.d. from the prime meridian.	he object's angular distance
1	3. Right ascension is a measure of how froma. the observer.b. the vernal equinox.c. the moon.d. Venus.	w far east an object in the sky is
1	4. Telescopes that work on Earth's surfollowing EXCEPTa. radio telescopes.b. refracting telescopes.c. X-ray telescopes.d. reflecting telescopes.	rface include all of the
Short Ans	swer	
15. Explai	n how right ascension and declination a ude.	re similar to latitude and
16. How o	loes a reflecting telescope work?	

Name	Class	Date
Chapter Review contr	inued	
Chapter November 2011.		
CRITICAL THINKING		
		create a concept map: right ees, hours, celestial equator, and
ancient cultures tha	n it is for most people tod	the sky easier for people in ay? What tools help modern than was possible in the past?
penetrate Earth's at		diation from space do not bility to detect this radiation is mosphere benefit humans?

Name	Class	Date
Chapter Review cor	ntinued	
	xplain why the Ptolemaic the of the rising and setting of the	· ·

INTERPRETING GRAPHICS

Use the sky map below to answer the questions that follow. (Example: The star Aldebaran is located at about 4 h, 30 min right ascension, 16° declination.)



21.	What object is located near 5 h, 55 min right ascension, and 7° declination?		
	What are the celestial coordinates for the Andromeda galaxy (M31)? Round off the right ascension to the nearest half-hour.		